

[Issue No.] GOT-A-0009-N

[Title] Precautions when Replacing GOT-A900 Series with GOT1000 Series

[Date of Issue] September 2005 (Ver. N: November 2023)

[Relevant Models] GOT-A900 Series

Thank you for your continued support of Mitsubishi Electric Graphic Operation Terminal (GOT).

We released GOT1000 series with high functions and performance as an alternative of GOT-A900 series in 2004. We highly recommend that you replace GOT-A900 series with GOT1000 series for using new sophisticated features.

## Contents

|  |    |
|--|----|
| 1. Requests for customers .....  | 3  |
| 2. Selection of GOT.....   | 3  |
| 3. Monitor screen data .....   | 8  |
| 3.1 Common functions of GOT-A900 series .....  | 9  |
| 3.1.1 Functions that require new settings .....  | 9  |
| 3.1.2 Printers .....   | 9  |
| 3.1.3 RGB output display .....   | 10 |
| 3.2 Precautions for replacing A951GOT (without -M3) with GOT1000 series .....  | 10 |
| 3.3 Functions only related to A960GOT-EB□(-EU).....  | 12 |
| 3.3.1 Functions that require changes.....  | 12 |
| 3.4 Change of the utility call key setting.....  | 14 |
| 4. Communication .....   | 15 |
| 4.1 Replacing the GOT-A900 series (connected by the A bus connection) with the GOT1000 series .....  | 15 |
| 4.1.1 Settings of the GOT and PLC .....  | 15 |
| 4.1.2 Connection type.....   | 17 |
| 5. Communication units and options .....   | 26 |
| 5.1 List of replacement models.....  | 26 |
| 5.2 Units that require new setting method .....  | 28 |
| 5.3 Communication units and options without replaceable models .....   | 29 |
| 5.4 Replacing the GOT-A900 series connected to the MELSECNET(II) or MELSECNET/B network system with the GOT1000 series .....   | 30 |
| 5.4.1 Replacing the network in the entire system with the MELSECNET/H network system .....   | 30 |
| 5.4.2 Changing the connection type between the programmable controller and the GOT without change of the network in the entire system.....   | 30 |
| 5.5 Replacing the GOT-A900 series connected to the MELSECNET/10 (programmable controller to programmable controller optical loop/coaxial bus) network system with the GOT1000 series ..... | 32 |
| 5.6 When using the RUN/OUTPUT terminal of the GOT-A900 series power supply .....   | 32 |
| 6. Cables .....  | 33 |
| 6.1 Bus connection cables.....   | 33 |
| 6.1.1 Replacing GOT when using multiple units of bus connection .....  | 37 |
| 6.2 RS-232 cable.....  | 37 |
| 6.3 RS-422 cable.....  | 38 |
| 6.4 Network cable (MELSECNET/10, Ethernet, and CC-Link) .....  | 40 |
| 6.5 Other cables .....   | 40 |

[Issue No.] GOT-A-0009-N

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|   |    |
|---|----|
| 7. Mounting intervals .....                   | 41 |
| 7.1 Downward dimension (A dimension).....     | 41 |
| 7.1.1 Bus connection .....                    | 41 |
| 7.2 Depth dimension (F dimension).....        | 44 |
| 7.2.1 Bus connection .....                    | 44 |
| 7.2.2 Printer connection .....                | 46 |
| 8. PC (CF, SD) card insertion direction ..... | 49 |
| REVISIONS.....                                | 51 |

**1. Requests for customers**

We released GOT1000 series with high functions and performance as an alternative of GOT-A900 series in 2004. We highly recommend that you replace GOT-A900 series with GOT1000 series for using new sophisticated features.

For the replacement models, refer to "Table 2-1 Recommended replacement GOT models of the GOT1000 series" in Chapter 2 below.

In the table, some models are introduced as recommended models due to less restriction on their replacement with the GOT1000 series. There may be some other models that you can select depending on their system environment. Therefore, we recommend you to select appropriate models by carefully considering the range of performance in current systems.

**2. Selection of GOT**

Select a GOT model.

When you replace GOT-A900 series with GOT1000 series, some GOTs require the change of the panel cutting dimensions. If you have difficulty to change the panel cutting dimensions, use the attachment.

The following table shows the recommended replacement GOT models of the GOT1000 series.

For the precautions on replacement, refer to each chapter and section.

When you use GOT1000 series shown below, the required drawing software and the drawing software version differ according to the model and functions. Prepare a compatible version of the drawing software.

Table 2-1 Recommended replacement GOT models of the GOT1000 series

| GOT-A900 series in use (*1) |                | Recommended GOT1000 series for replacement (*8*10*11*14) | Panel cut compatibility<br>○: Compatible<br>△: Not compatible<br>(Attachment model) | Compatible software |                       |
|-----------------------------|----------------|--|---|---------------------|-----------------------|
|                             |                |  |   | GT Works3 Version1  | GT Designer2 Version2 |
| A985GOT-V                   | A985GOT-TBA-V  | GT1685M-STBA   | ○   | Ver.1.01B or later  | Ver.2.90U or later    |
|                             |                | GT1585V-STBA (*16)                                       | ○   |                     | Ver.2.04E or later    |
|                             | A985GOT-TBD-V  | GT1685M-STBD   | ○   |                     | Ver.2.90U or later    |
|                             |                | GT1585V-STBD (*16)                                       | ○   |                     | Ver.2.04E or later    |
| A985GOT                     | A985GOT-TBA    | GT1685M-STBA (*9)  | ○   | Ver.1.01B or later  | Ver.2.90U or later    |
|                             |                | GT1585-STBA (*16)  | ○   |                     | Ver.2.04E or later    |
|                             | A985GOT-TBD    | GT1685M-STBD (*9)  | ○   |                     | Ver.2.90U or later    |
|                             |                | GT1585-STBD (*16)  | ○   |                     | Ver.2.04E or later    |
|                             | A985GOT-TBA-EU | GT1685M-STBA (*9)  | ○   |                     | Ver.2.90U or later    |
|                             |                | GT1585-STBA (*16)  | ○   |                     | Ver.2.04E or later    |
| A975GOT                     | A975GOT-TBA-B  | GT1675M-VTBA   | ○   | Ver.1.01B or later  | Ver.2.96A or later    |
|                             |                | GT1575-VTBA (*16)  | ○   |                     | Ver.2.04E or later    |
|                             | A975GOT-TBD-B  | GT1675M-VTBD   | ○   |                     | Ver.2.96A or later    |
|                             |                | GT1575-VTBD (*16)  | ○   |                     | Ver.2.04E or later    |
|                             | A975GOT-TBA-EU | GT1675M-VTBA   | ○   |                     | Ver.2.96A or later    |
|                             |                | GT1575-VTBA (*16)  | ○   |                     | Ver.2.04E or later    |
|                             | A975GOT-TBA    | GT1675M-VTBA   | ○   |                     | Ver.2.96A or later    |
|                             |                | GT1575-VTBA (*16)  | ○   |                     | Ver.2.04E or later    |
|                             | A975GOT-TBD    | GT1675M-VTBD   | ○   |                     | Ver.2.96A or later    |
|                             |                | GT1575-VTBD (*16)  | ○   |                     | Ver.2.04E or later    |

| GOT-A900 series in use (*1) |                   | Recommended GOT1000 series for replacement (*8*10*11*14) | Panel cut compatibility<br>○: Compatible<br>△: Not compatible<br>(Attachment model) | Compatible software |                       |                    |
|-----------------------------|-------------------|--|---|---------------------|-----------------------|--------------------|
|                             |                   |  |   | GT Works3 Version1  | GT Designer2 Version2 |                    |
| A970GOT                     | A970GOT-TBA-B     | GT1675M-VTBA   | ○   | Ver.1.01B or later  | Ver.2.96A or later    |                    |
|                             |                   | GT1575-VTBA (*16)  | ○   |                     | Ver.2.04E or later    |                    |
|                             | A970GOT-TBD-B     | GT1675M-VTBD   | ○   |                     | Ver.2.96A or later    |                    |
|                             |                   | GT1575-VTBD (*16)  | ○   |                     | Ver.2.04E or later    |                    |
|                             | A970GOT-TBA-EU    | GT1675M-VTBA   | ○   |                     | Ver.2.96A or later    |                    |
|                             |                   | GT1575-VTBA (*16)  | ○   |                     | Ver.2.04E or later    |                    |
|                             | A970GOT-TBA       | GT1675M-VTBA   | ○   |                     | Ver.2.96A or later    |                    |
|                             |                   | GT1575-VTBA (*16)  | ○   |                     | Ver.2.04E or later    |                    |
|                             | A970GOT-TBD       | GT1675M-VTBD   | ○   |                     | Ver.2.96A or later    |                    |
|                             |                   | GT1575-VTBD (*16)  | ○   |                     | Ver.2.04E or later    |                    |
|                             | A970GOT-SBA       | GT1675-VNBA  | ○   |                     | Ver.1.17T or later    | Not compatible     |
|                             |                   | GT1575-VNBA (*16)  | ○   |                     | Ver.1.01B or later    | Ver.2.18U or later |
|                             | A970GOT-SBD       | GT1675-VNBD  | ○   | Ver.1.17T or later  | Not compatible        |                    |
|                             |                   | GT1575-VNBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.18U or later    |                    |
|                             | A970GOT-SBA-EU    | GT1675-VNBA  | ○   | Ver.1.17T or later  | Not compatible        |                    |
|                             |                   | GT1575-VNBA (*16)  | ○   | Ver.1.01B or later  | Ver.2.18U or later    |                    |
|                             | A970GOT-LBA       | GT1672-VNBA  | ○   | Ver.1.17T or later  | Not compatible        |                    |
|                             |                   | GT1572-VNBA (*16)  | ○   | Ver.1.01B or later  | Ver.2.18U or later    |                    |
|                             |                   | GT1662-VNBA  | △(GT15-60ATT-97)  | Ver.1.17T or later  | Not compatible        |                    |
|                             |                   | GT1562-VNBA (*16)  | △(GT15-60ATT-97)  | Ver.1.01B or later  | Ver.2.18U or later    |                    |
|                             | A970GOT-LBD       | GT1672-VNBD  | ○   | Ver.1.17T or later  | Not compatible        |                    |
|                             |                   | GT1572-VNBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.18U or later    |                    |
|                             |                   | GT1662-VNBD  | △(GT15-60ATT-97)  | Ver.1.17T or later  | Not compatible        |                    |
|                             |                   | GT1562-VNBD (*16)  | △(GT15-60ATT-97)  | Ver.1.01B or later  | Ver.2.18U or later    |                    |
| A970GOT-LBA-EU              | GT1672-VNBA       | ○  | Ver.1.17T or later  | Not compatible      |                       |                    |
|                             | GT1572-VNBA (*16) | ○  | Ver.1.01B or later  | Ver.2.18U or later  |                       |                    |
|                             | GT1662-VNBA       | △(GT15-60ATT-97)   | Ver.1.17T or later  | Not compatible      |                       |                    |
|                             | GT1562-VNBA (*16) | △(GT15-60ATT-97)   | Ver.1.01B or later  | Ver.2.18U or later  |                       |                    |
| A960GOT                     | A960GOT-EBA       | GT1662-VNBA (*12)  | △(GT15-60ATT-96)  | Ver.1.17T or later  | Not compatible        |                    |
|                             |                   | GT1562-VNBA (*12, *16)                                   | △(GT15-60ATT-96)  | Ver.1.01B or later  | Ver.2.18U or later    |                    |
|                             | A960GOT-EBD       | GT1662-VNBD (*12)  | △(GT15-60ATT-96)  | Ver.1.17T or later  | Not compatible        |                    |
|                             |                   | GT1562-VNBD (*12, *16)                                   | △(GT15-60ATT-96)  | Ver.1.01B or later  | Ver.2.18U or later    |                    |
|                             | A960GOT-EBA-EU    | GT1662-VNBA (*12)  | △(GT15-60ATT-96)  | Ver.1.17T or later  | Not compatible        |                    |
|                             |                   | GT1562-VNBA (*12, *16)                                   | △(GT15-60ATT-96)  | Ver.1.01B or later  | Ver.2.18U or later    |                    |
| A956WGOT                    | A956WGOT-TBD      | GT1655-VTBD (*13)  | △(GT15-50ATT-95W)   | Ver.1.28E or later  | Not compatible        |                    |
|                             |                   | GT1555-VTBD (*13, *16)                                   | △(GT15-50ATT-95W)   | Ver.1.01B or later  | Ver.2.58L or later    |                    |
| A956GOT                     | A956GOT-TBD-M3    | GT1655-VTBD (*15)  | ○   | Ver.1.28E or later  | Not compatible        |                    |
|                             |                   | GT1555-QTBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.32J or later    |                    |
|                             | A956GOT-TBD       | GT1655-VTBD (*15)  | ○   | Ver.1.28E or later  | Not compatible        |                    |
|                             |                   | GT1555-QTBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.32J or later    |                    |
|                             | A956GOT-SBD-M3-B  | GT1655-VTBD (*15)  | ○   | Ver.1.28E or later  | Not compatible        |                    |
|                             |                   | GT1555-QSBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.32J or later    |                    |
|                             | A956GOT-SBD-B     | GT1655-VTBD (*15)  | ○   | Ver.1.28E or later  | Not compatible        |                    |
|                             |                   | GT1555-QSBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.32J or later    |                    |
|                             | A956GOT-SBD-M3    | GT1655-VTBD (*15)  | ○   | Ver.1.28E or later  | Not compatible        |                    |
|                             |                   | GT1555-QSBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.32J or later    |                    |
|                             | A956GOT-SBD       | GT1655-VTBD (*15)  | ○   | Ver.1.28E or later  | Not compatible        |                    |
|                             |                   | GT1555-QSBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.32J or later    |                    |

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| GOT-A900 series in use (*1) |                       | Recommended GOT1000 series for replacement (*8*10*11*14) | Panel cut compatibility<br>○: Compatible<br>△: Not compatible<br>(Attachment model) | Compatible software |                       |
|-----------------------------|-----------------------|--|---|---------------------|-----------------------|
|                             |                       |  |   | GT Works3 Version1  | GT Designer2 Version2 |
| A956GOT                     | A956GOT-LBD-M3        | GT1655-VTBD (*15)  | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1550-QLBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A956GOT-LBD           | GT1655-VTBD (*15)  | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1550-QLBD (*16)  | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
| A953GOT                     | A953GOT-TBD-M3        | GT1655-VTBD (*3, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QTBD (*3, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
|                             | A953GOT-TBD           | GT1655-VTBD (*3, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QTBD (*3, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
|                             | A953GOT-SBD-M3-B      | GT1655-VTBD (*3, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*3, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
|                             | A953GOT-SBD-B         | GT1655-VTBD (*3, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*3, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
|                             | A953GOT-SBD-M3        | GT1655-VTBD (*3, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*3, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
|                             | A953GOT-SBD           | GT1655-VTBD (*3, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*3, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
| A953GOT-LBD-M3              | GT1655-VTBD (*3, *15) | ○  | Ver.1.28E or later  | Not compatible      |                       |
|                             | GT1550-QLBD (*3, *16) | ○  | Ver.1.01B or later  | Ver.2.32J or later  |                       |
|                             | GT1450-QMBD           | ○  | Ver.1.118Y or later   | Not compatible      |                       |
|                             | GT1450-QMBDE (*7)     | ○  | Ver.1.118Y or later   | Not compatible      |                       |
| A953GOT-LBD                 | GT1655-VTBD (*3, *15) | ○  | Ver.1.28E or later  | Not compatible      |                       |
|                             | GT1550-QLBD (*3, *16) | ○  | Ver.1.01B or later  | Ver.2.32J or later  |                       |
|                             | GT1450-QMBD           | ○  | Ver.1.118Y or later   | Not compatible      |                       |
|                             | GT1450-QMBDE (*7)     | ○  | Ver.1.118Y or later   | Not compatible      |                       |
| A951GOT                     | A951GOT-QTBD-M3       | GT1655-VTBD (*4, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QTBD (*4, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-QTBD *2       | GT1655-VTBD (*4, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QTBD (*4, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-QSBD-M3-B     | GT1655-VTBD (*4, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*4, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-QSBD-B *2     | GT1655-VTBD (*4, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*4, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-QSBD-M3       | GT1655-VTBD (*4, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*4, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-QSBD *2       | GT1655-VTBD (*4, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*4, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |

[Issue No.] GOT-A-0009-N

| GOT-A900 series in use (*1) |                       | Recommended GOT1000 series for replacement (*8*10*11*14) | Panel cut compatibility<br>○: Compatible<br>△: Not compatible<br>(Attachment model) | Compatible software |                       |
|-----------------------------|-----------------------|--|---|---------------------|-----------------------|
|                             |                       |  |   | GT Works3 Version1  | GT Designer2 Version2 |
| A951GOT                     | A951GOT-QLBD-M3       | GT1655-VTBD (*4, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1550-QLBD (*4, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-QLBD *2       | GT1655-VTBD (*4, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1550-QLBD (*4, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-TBD-M3        | GT1655-VTBD (*5, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QTBD (*5, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-TBD *2        | GT1655-VTBD (*5, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QTBD (*5, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-SBD-M3-B      | GT1655-VTBD (*5, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*5, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-SBD-B *2      | GT1655-VTBD (*5, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*5, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-SBD-M3        | GT1655-VTBD (*5, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*5, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-SBD *2        | GT1655-VTBD (*5, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*5, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-LBD-M3        | GT1655-VTBD (*5, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1550-QLBD (*5, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             | A951GOT-LBD *2        | GT1655-VTBD (*5, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1550-QLBD (*5, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
| A950GOT                     | A950GOT-TBD-M3        | GT1655-VTBD (*6, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QTBD (*6, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
|                             | A950GOT-TBD           | GT1655-VTBD (*6, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QTBD (*6, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
|                             | A950GOT-SBD-M3-B      | GT1655-VTBD (*6, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*6, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
|                             | A950GOT-SBD-B         | GT1655-VTBD (*6, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*6, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
|                             | A950GOT-SBD-M3        | GT1655-VTBD (*6, *15)                                    | ○   | Ver.1.28E or later  | Not compatible        |
|                             |                       | GT1555-QSBD (*6, *16)                                    | ○   | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |                       | GT1455-QTBD  | ○   | Ver.1.37P or later  | Not compatible        |
|                             |                       | GT1455-QTBDE (*7)  | ○   |                     |                       |
| A950GOT-SBD                 | GT1655-VTBD (*6, *15) | ○  | Ver.1.28E or later  | Not compatible      |                       |
|                             | GT1555-QSBD (*6, *16) | ○  | Ver.1.01B or later  | Ver.2.32J or later  |                       |
|                             | GT1455-QTBD           | ○  | Ver.1.37P or later  | Not compatible      |                       |
|                             | GT1455-QTBDE (*7)     | ○  |   |                     |                       |
| A950GOT-LBD-M3              | GT1655-VTBD (*6, *15) | ○  | Ver.1.28E or later  | Not compatible      |                       |
|                             | GT1550-QLBD (*6, *16) | ○  | Ver.1.01B or later  | Ver.2.32J or later  |                       |
|                             | GT1450-QMBD           | ○  | Ver.1.118Y or later   | Not compatible      |                       |
|                             | GT1450-QMBDE (*7)     | ○  |   |                     |                       |

[Issue No.] GOT-A-0009-N

| GOT-A900 series in use (*1) |             | Recommended GOT1000 series for replacement (*8*10*11*14) | Panel cut compatibility<br>○: Compatible<br>△: Not compatible (Attachment model) | Compatible software |                       |
|-----------------------------|-------------|--|--|---------------------|-----------------------|
|                             |             |  |  | GT Works3 Version1  | GT Designer2 Version2 |
| A950GOT                     | A950GOT-LBD | GT1655-VTBD (*6, *15)                                    | ○  | Ver.1.28E or later  | Not compatible        |
|                             |             | GT1550-QLBD (*6, *16)                                    | ○  | Ver.1.01B or later  | Ver.2.32J or later    |
|                             |             | GT1450-QMBD  | ○  | Ver.1.118Y or later | Not compatible        |
|                             |             | GT1450-QMBDE (*7)  | ○  |                     |                       |

- \*1 Production of all the GOT-A900 series models was discontinued.
- \*2 For replacement model, GT11 dedicated to bus connection is also available. For details, refer to Section 3.2.
- \*3 When replacing, communicate with RS-232 interface of GOT or use RS-232 serial communication unit (GT15-RS2-9P).
- \*4 When replacing, use a Q bus connection unit (GT15-QBUS (2) or GT15-75QBUS (2)L).
- \*5 Change the connection method because the replacement model for the A bus connection is not provided. Select the model according to the connection method that is available for replacement.
- \*6 When replacing, use an RS-422 serial communication unit (GT15-RS4-9S). Since the RS-422 serial communication unit (GT15-RS4-9S) has a 9-pin connector, replace the cables in present use (AC□R4-25P and others) with the GOT1000 series cables.
- \*7 On the GT1455-QTBDE and the GT1450-QLBDE, Ethernet connection can also be used with the Ethernet interface.
- \*8 The Sound output function is an option for the GOT1000 series. When using the sound output function of the GOT-A900 series, use the sound output unit (GT15-SOUT) of the GOT1000 series separately.
- \*9 The RGB output function is an option for the GOT1000 series. When using the RGB output function of the GOT-A900 series, use the RGB output unit (GT16-ROUT) of the GOT1000 series separately.
- \*10 The GOT1000 series has no RUN/OUTPUT terminal in the power supply section.  
When using the RUN/OUTPUT terminal in the power supply section of the GOT-A900 series, consider using the RUN output of the external I/O unit (GT15-DIO or GT15-DIOR). For the details of the external I/O unit, refer to the following.
  - GT15 External I/O Unit (Positive Common Input/Sink Type Output) User's Manual (IB-0800382) (GT15-DIO)
  - GT15 External I/O Unit (Negative Common Input/Source Type Output) User's Manual (IB-0800425) (GT15-DIOR)
- \*11 The display section of the GT16 and the GT14 is an analog-resistive type touch panel. When you touch two points or more simultaneously on the display section, any touch switch located around the center of the touched points may operate. Do not touch two or more points on the display section simultaneously.
- \*12 The resolution after replacement is changed (from 640 × 400 dots to 640 × 480 dots).
- \*13 The resolution after replacement is changed (from 480 × 234 dots to 640 × 480 dots).
- \*14 For the production status, contact your local sales office for the relevant technical bulletin.  
For Technical News, go to the MITSUBISHI ELECTRIC FA Global Website.  
→ [us.mitsubishielectric.com/fa/en/](http://us.mitsubishielectric.com/fa/en/)
- \*15 The resolution after replacement is changed (from 320 × 240 dots to 640 × 480 dots).
- \*16 Production of all the GT15 models was discontinued.

**【Other】**

For replacing the GOT-A950 Handy series, refer to the following.

- Project Data Conversion Summary(For GOT1000 Series) GOT-F900 > GOT1000 (JY997D17601)

**3. Monitor screen data**

The monitor screen data used for GOT-A900 series are applicable to GOT1000 series by only changing the GOT type as indicated below.

**(1) With GT Designer2 Version2**

<Procedure>

- 1) When the data exists on the personal computer, check the storage location for the GOT-A900 series project data.  
When no data exists on the personal computer, connect to GOT-A900 and upload the project data by using GT Designer2 Version2.
- 2) Open the project data of (1) in GT Designer2 Version2, change the GOT type to the GOT1000 series.
- 3) Use GT Designer2 Version2 to check the communication settings, and download the project data and communication driver to the GOT1000 series.

**(2) With GT Works3 Version1**

<Procedure>

- 1) When the data exists on the personal computer, check the storage location for the GOT-A900 series project data.  
When no data exists on the personal computer, connect to GOT-A900 and upload the project data by using GT Designer2 Classic or Data Transfer Tool included in GT Works3 Version1.
- 2) Open the project data of 1) in GT Designer3 (GOT1000) of GT Works3 Version1, and change the GOT type to the GOT1000 series.
- 3) Use GT Designer3 (GOT1000) to check the communication settings, and download the project data and communication driver to the GOT1000 series.

<Precautions>

- 1) When some functions require new settings and any changes or some functions are unavailable with GOT1000 series, refer to Chapter 3 and consider replacement methods.
- 2) For the functions unsupported by GOT1000 series, data set for GOT-A900 series is deleted when replacing with GOT1000 series.
- 3) For using existing data with GOT1000 series, refer to "App3. Utilizing the Existing Data" in the GT Designer2 Version2 Basic Operation/Data Transfer Manual (SH080529ENG).
- 4) The GT1662-VNBA and the GT1662-VNBD do not support the drawing software GT Designer2 Version□. Open the GOT-A900 series project data with GT Works3 Version1 (Ver1.15R or later), and change the GOT type to GT16\*\*-V(640x480).
- 5) The GT1655-VTBD do not support the drawing software GT Designer2 Version□. Open the GOT-A900 series project data with GT Works3 Version1 (Ver1.26C or later), and change the GOT type to GT165\*-V(640x480).
- 6) The GT1455-QTBD and GT1455-QTBDE do not support the drawing software GT Designer2 Version□. Open the GOT-A900 series project data with GT Works3 Version1 (Ver1.34L or later), and change the GOT type to GT14\*\*-Q (320×240).
- 7) The GT1450-QMBD and GT1450-QMBDE do not support the drawing software, GT Designer2 Version□. Open the GOT-A900 series project data with GT Works3 Version1 (Ver1.118Y or later), and change the GOT type to GT14\*\*-Q (320x240).
- 8) When you replace the A95□GOT□LBD(-M3) with the GOT1000 series, black and white pixels are inverted on GT Designer3. By setting [GOT Setup] in the utility, the GOT1000 series can display the same image as the one that is created with GT Designer2.



**3.1 Common functions of GOT-A900 series**

**3.1.1 Functions that require new settings**

Table 3-1 Functions that require new settings

| Item            | Function               | User settings   |   |
|-----------------|------------------------|---|---|
| Common settings | Communication settings | To communicate with FA equipment, new settings for interface channel No., driver, communication baud rate are required.<br>For details of how to make the settings, refer to the following manuals.<br>• "3.7 Communication Interface Setting (Communication Settings)" in the GT Designer2 Version2 Screen Design Manual (SH-080530ENG)<br>• GOT1000 Series Connection Manual for GT Works3 (SH-080868ENG to SH-080871ENG) |   |
| Printer         | Printer function       | PictBridge compatible printer   | The printer unit (GT15-PRN) is required separately. The extended function OS [Printer] or [Printer(PictBridge)] must be installed on the GOT.     |
|                 |                        | Serial printer  | The drawing software GT Works3 Version1 (Ver1.17T or later) is required. The extended function OS [Printer(Serial)] must be installed on the GOT. |
| Object          | Report function        | To use the report function, the user settings for the printer described above is required, and the extended function OS [Report] must be installed on the GOT.  |   |
| Sound           | Sound output function  | To use the sound output function, the sound output unit (GT15-SOUT) is required separately. The extended function OS [Sound Output] must be installed on the GOT.   |   |

**3.1.2 Printers**

When using printers with the GOT-A900 series, the following are required.

**(1) Type of printer**

The GOT-A900 series supports parallel printers only. The GOT1000 series supports PictBridge compatible printers and serial printers. Therefore, when you replace GOT-A900 series with GOT1000 series, the printer must be replaced. For the validated printer models applicable to the GOT1000 series, refer to TECHNICAL BULLETIN GOT-A-0010 "List of Valid Devices Applicable for GOT1000 Series" on the Mitsubishi Electric Factory Automation Global Website.

**(2) Required units**

**(a) For PictBridge compatible printers**

The printer unit GT15-PRN is required separately.

**(b) For serial printers**

No option unit is required. A serial printer is connected to the RS-232 interface of the GOT.

**(3) Specific print method with alarm history display function**

GOT1000 series does not support the function to print the alarm history of the alarm history display function for GOT-A900 series. Save an alarm history file to a CF card in CSV format, and use Microsoft® Excel® and others with a personal computer to print the history.

**(4) Report function**

With a PictBridge compatible printer, the GOT1000 series supports the GOT-A900 series project data with the report style setting [Log/Page] only. Set the report style to [Log/Page] on the drawing software.

With a serial printer, the GOT1000 series supports the GOT-A900 series project data with the report style setting [Real/Cont] or [Log/Page].

**3.1.3 RGB output display**

The A985GOT-TBA and the A985GOT-TBD, which are GOT-A900 series, support the RGB output display function. For replacing those models with GOT1000 series, the function is supported by mounting the applicable option unit on the GOT1000 series as shown below.

| GOT supporting RGB display                                   | Applicable option unit |
|--|------------------------|
| GT1695M-XTB□<br>GT1685M-STB□<br>GT1675M-□TB□<br>GT1665M-□TB□ | GT16M-ROUT             |
| GT1585V-STB□<br>GT1575V-STB□                                 | GT15V-75ROUT           |

**3.2 Precautions for replacing A951GOT (without -M3) with GOT1000 series**

To replace the GOT-A900 series dedicated to the bus connection (A951GOT (without -M3)) with the GOT1000 series, refer to the following table.

Table 3-2 List of replacement models

| GOT-A900 series in use | Replacement models                    | Remarks                              |
|------------------------|---------------------------------------|--------------------------------------|
| A951GOT-QTBD           | GT1155-QTBDQ                          | 5.7" TFT Q bus connection            |
|                        | GT1555-QTBD + Q bus connection module |                                      |
| A951GOT-QSBD-B         | GT1155-QSBDQ                          | 5.7" STN color Q bus connection      |
|                        | GT1555-QSBD + Q bus connection module |                                      |
| A951GOT-QSBD           | GT1155-QSBDQ                          | 5.7" STN color Q bus connection      |
|                        | GT1555-QSBD + Q bus connection module |                                      |
| A951GOT-QLBD           | GT1150-QLBDQ                          | 5.7" STN monochrome Q bus connection |
|                        | GT1550-QLBD + Q bus connection module |                                      |
| A951GOT-TBD            | GT1155-QTBDA                          | 5.7" TFT A bus connection            |
|                        | GT1555-QTBD + A bus connection module |                                      |
| A951GOT-SBD-B          | GT1155-QSBDA                          | 5.7" STN color A bus connection      |
|                        | GT1555-QSBD + A bus connection module |                                      |
| A951GOT-SBD            | GT1155-QSBDA                          | 5.7" STN color A bus connection      |
|                        | GT1555-QSBD + A bus connection module |                                      |
| A951GOT-LBD            | GT1150-QLBDA                          | 5.7" STN monochrome A bus connection |
|                        | GT1550-QLBD + A bus connection module |                                      |

GT11 dedicated to the bus connection does not support the following functions.

Table 3-3 Limited functions by GT11 dedicated to bus connection

| <b>Function</b>                            | <b>Description</b>   | <b>GT11 dedicated to bus connection</b>   |
|--|--|---|
| Station number switching                   | The function to switch a network module station number of monitor target of the object                               | Not applicable  |
| Access range for monitoring                | The access range that the GOT can monitor  | Only the host station (0-FF) can be monitored.  |
| Print related functions                    | The functions related to report function, comment print, hard copy print and others                                  | Not applicable<br>(A printer cannot be connected.)                                    |
| External I/O function<br>(Operation panel) | The function to connect external I/O equipment such as operation panel, numeric keypad panel, and push button switch | Not applicable  |
| Kana-kanji conversion<br>function          | The function to convert from hiragana to kanji when inputting ASCII characters                                       | Not applicable  |
| Scrolling alarm display                    | The function to scroll user-created comments across the base screen from right to left when an alarm occurs          | Applicable with GT Designer2<br>Version2 (Ver2.72A or later) or GT<br>Works3 Version1 |
| Multiple connection                        | When connecting multiple GOTs  | Not applicable  |

**3.3 Functions only related to A960GOT-EB□(-EU)**

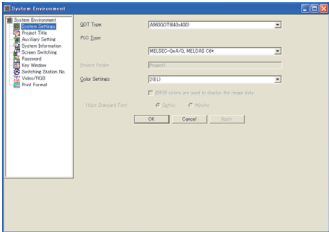
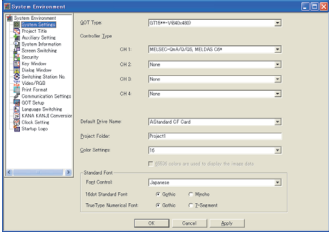
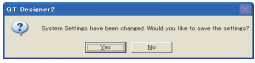


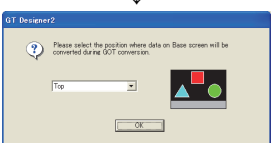
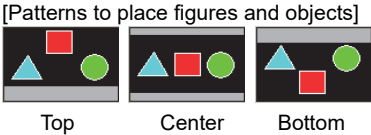
**3.3.1 Functions that require changes**

Use GT Designer2 Version2 to change the setting as follows.

<Precautions>

This section explains the settings by using GT Designer2 Version2 as an example. When replacing the GOT with the GT1662-VNBA or the GT1662-VNBD, open a project data with GT Works3 Version1 (Ver.1.15R or later), and change the GOT type to GT16\*\*-V(640x480).

Table 3-4 Functions that require changes

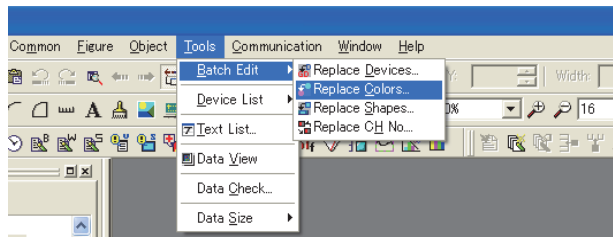
| Item            | Function   | User settings  |
|-----------------|------------|--|
| Common settings | Resolution | <p>Change resolution from 640x400 to 640x480. When changing the resolution, positions to place figures and objects can be selected. The procedure is described below (including the operating procedure to specify the positions).</p>        <ul style="list-style-type: none"> <li>• Change [GOT Type] and [Color Settings] in the [System Environment] dialog box.</li> <li>• [GOT Type]<br/>A960GOT (640×400)<br/>↓<br/>GT15**-V (640×480)</li> <li>• [Color Settings]<br/>Select [16].</li> <li>• Check that [GOT Type] is set to [GT15**-V(640 x 480)] and [Color Settings] is set to [16].<br/>Then click the [OK] button or the [Apply] button.</li> <li>• The conversion confirmation dialog box appears.<br/>With Ver.2.92W or earlier, click the [Yes] button to automatically enlarge or reduce figures and objects. Click the [No] button to display the following dialog box for specifying the positions of the figures and the objects.<br/>With Ver.2.93X or later, select [Perform Automatic Scaling on the positions/sizes of figures and objects] and click the [OK] button to automatically enlarge or reduce the figures and the objects. Select [Resize the screen only] and click the [OK] button to display the following dialog box for specifying the positions.</li> <li>• After the dialog box to specify the positions of the figures and the objects appears, select a position from top, center, or bottom.</li> </ul> <p>[Patterns to place figures and objects]</p> <p>Top      Center      Bottom</p> <ul style="list-style-type: none"> <li>• After selecting the position, click the [OK] button to convert data, and then the communication settings are required.</li> </ul> <p>After the conversion explained above, 640x80 MB of free space is obtained and enables new setting of objects. However, it is not possible to automatically move the position of each object along with the resolution change.</p> |

| Item | Function | User settings |
|------|----------|---------------|
|------|----------|---------------|

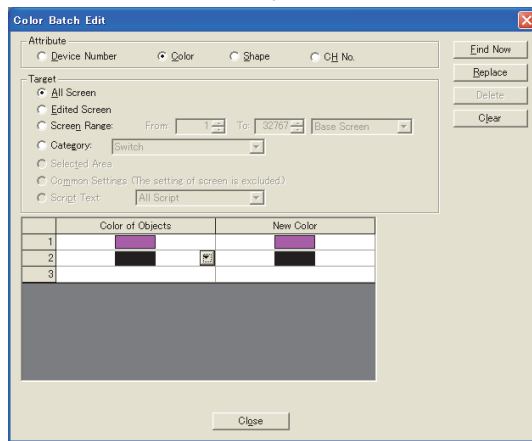
Common settings

Color settings

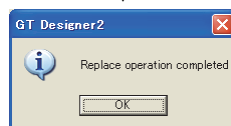
When changing the GOT type from "A960GOT (640x400): EL color" to "GT15\*-V (640x480): 16 color," the colors of objects on the GT Designer2 Version2 remain yellowish orange (EL color). In addition, when downloading the monitor screen data to the GOT1000 which supports 16 color display, objects are displayed in yellow on the GOT1000 since yellowish orange is not included in the 16 colors. To change the color to other than yellow, change the object color by using batch edit or by replacing colors of objects individually. The following shows the procedures for the color batch edit.



- Select [Tool]-[Batch Edit]- [Replace Colors] from the menu.



- Select a target screen and click the [Find Now] button. ([All Screen] is selected as a target in this example.)
- All colors in present use are displayed in cells. Click on cells in [New Color] and select colors from the color pallet.
- Click the [Replace] button to change colors.



- When batch conversion of colors is completed, a dialog appears with completion message.

When using batch conversion of colors, the colors of all bit map images are changed to white. Bit map images are in yellowish orange right after the conversion. The bit map images are changed to white when closing screens and then open the screen data again. To change the colors of bit map images, edit images by using commercially available paint software and others, and then read the images into GT Designer2 Version2.

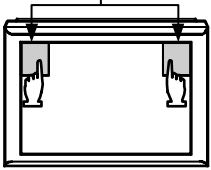
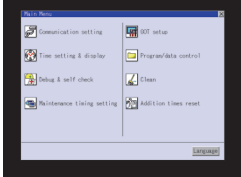
[Issue No.] GOT-A-0009-N

**3.4 Change of the utility call key setting**

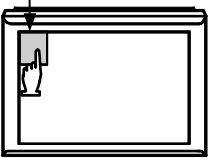
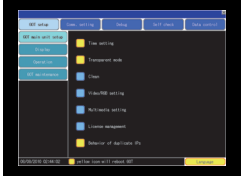
While the user-created screen is displayed, touching the utility call key displays the main menu.

For the GT15 models, the utility call key is set in the position of simultaneous 2-point press on the GOT screen upper-left and upper-right corners. For the GT16 and the GT14 models, note that the utility call key is set in the position of 1-point press on the GOT screen upper-left corner.

The position of the utility call key can be changed using the GOT utility, GT Designer3, or GT Designer2. The following shows the position of the utility call key for the GT15 models set at factory default.

| Model                                | Utility call key (factory default)  |
|--------------------------------------|---|
| GT1585<br>GT157□<br>GT156□<br>GT155□ | Simultaneous 2-point press on the GOT screen upper-left and upper-right corners<br><br><div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Menu call key<br/>Simultaneous 2-point touch</p>  </div> <div style="font-size: 2em;">➔</div> <div style="text-align: center;"> <p>Main menu</p>  </div> </div> |

The following shows the position of the utility call key for the GT16 and the GT14 models set at factory default.

| Model        | Utility call key  |
|--------------|---|
| GT16<br>GT14 | 1-point press on the GOT screen upper-left corner<br><br><div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Menu call key<br/>1-point touch on the upper-left corner</p>  </div> <div style="font-size: 2em;">➔</div> <div style="text-align: center;"> <p>Main menu</p>  </div> </div> |

## 4. Communication

### 4.1 Replacing the GOT-A900 series (connected by the A bus connection) with the GOT1000 series

No order for all the models of the A bus connection unit for the GOT1000 series was accepted in and after December 31, 2014, and the production was discontinued in January 31, 2015. When the GOT-A900 series is connected by the A bus connection, the connection type must be changed or the PLC must be replaced. To replace the PLC, refer to the following Technical Bulletin.

⇒ Production discontinuation of MELSEC-AnS/QnAS (small type) series and MELSEC-I/OLINK (FA-A-0142)

Production discontinuation of MELSEC-A/QnA (large type) series (T99-0050)

To change the A bus connection to another connection type, refer to the following.

⇒ 4.1.1 Settings of the GOT and PLC

4.1.2 Connection type

#### 4.1.1 Settings of the GOT and PLC

When changing the connection type, check the settings of the PLC and GOT.

##### (1) PLC

When the GOT connected by the bus connection is removed or a communication unit is added to the PLC, the PLC may require new settings. According to the PLC configuration, check the parameter setting (including I/O assignment) and I/O numbers in the sequence program.

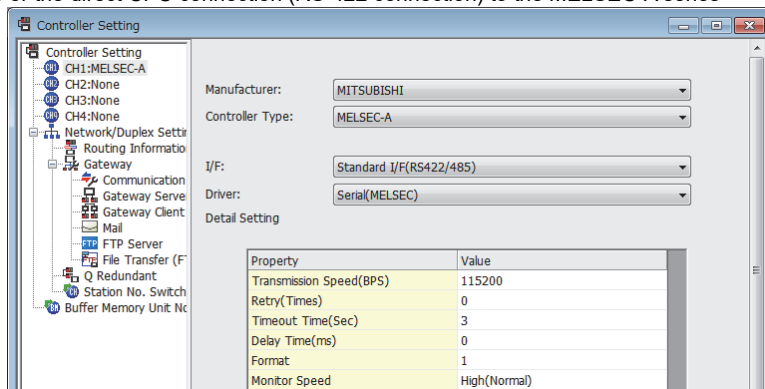
##### (2) GOT

Change the controller setting. \*1

When changing the connection type to the network connection (excluding the Ethernet connection), set the network number and station number in the device number of each object. \*2

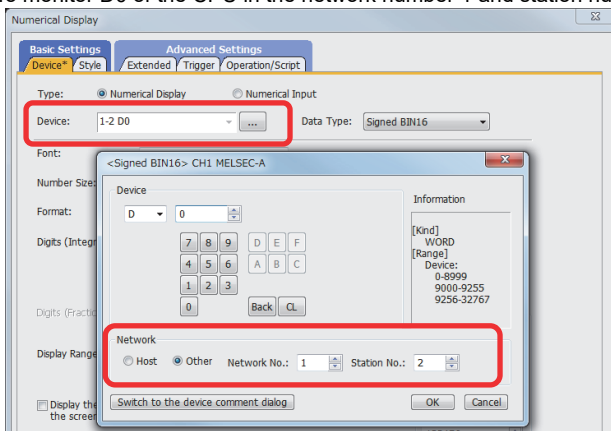
\*1 Example of the controller setting

For the direct CPU connection (RS-422 connection) to the MELSEC-A series



\*2 Setting of the network number and station number

To monitor D0 of the CPU in the network number 1 and station number 2



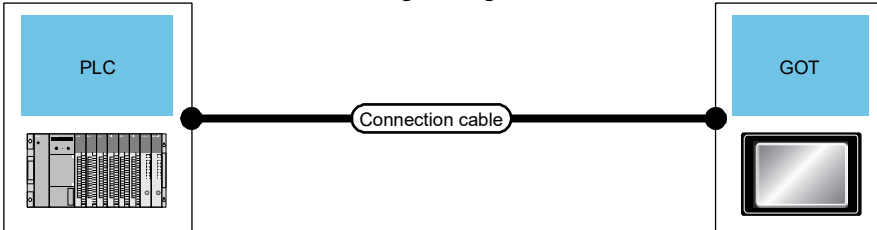


**4.1.2 Connection type**

**(1) Changing the connection type to the serial connection**

**(a) Direct Connection to CPU**

Connect the GOT in the following configuration.



**1) When connecting the GOT with MELSEC-A (ACPU, AnCPU, AnSCPU) or MELSEC-QnA (QnACPU, QnASCPU)**

| PLC                 |                    | Cable model *1       | GOT              |            |
|---------------------|--------------------|----------------------|------------------|------------|
| Model name          | Communication type |                      | Option device    | Model      |
| MELSEC-A(ACPU) *2   | RS-422             | GT01-C30R4-25P(3m)   | GT16-C02R4-9S    | GT16       |
| MELSEC-A(AnCPU) *2  |                    | GT01-C100R4-25P(10m) | GT15-RS2T4-9P *3 | GT16, GT15 |
| MELSEC-A(AnSCPU) *2 |                    | GT01-C200R4-25P(20m) | GT15-RS4-9S      |            |
| MELSEC-Q(QnACPU)    |                    | GT01-C300R4-25P(30m) | (Built into GOT) | GT14       |
| MELSEC-Q(QnASCPU)   |                    |                      |                  |            |

\*1 If the connection distance exceeds 30m, consider changing the connection type to the network connection.

\*2 When monitoring AnNCPUs, A0J2HCPUs, A2CCPUs or A2SCPUs, only the following or later software version is used to write to the CPU.

- AnNCPUs(S1) with link: Version L or later, AnNCPUs(S1) without link: Version H or later
- A0J2HCPUs (with/without link): Version E or later
- A0J2HCPUs-DC24: Version B or later
- A2CCPUs, A2SCPUs: Version H or later

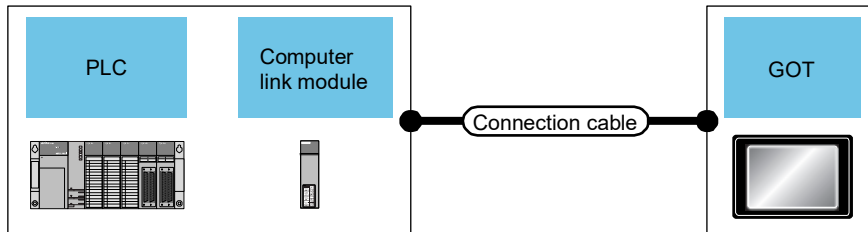
\*3 Connect it to the RS-232 interface (built into GOT). It cannot be mounted on GT1655 and GT155□.

[Issue No.] GOT-A-0009-N

**(b) Computer Link Connection**

Connect the GOT in the following configuration.

Changing the connection type to the computer link connection requires a computer link module on the PLC side.



**1) When connecting the GOT with MELSEC-A (ACPU, AnCPU) \*1**

| PLC                  |                    | Cable model *2*3  | GOT   |                    |
|----------------------|--------------------|---|---|--------------------|
| Computer link module | Communication type |   | Option device                                       | Model              |
| AJ71UC24 *5          | RS-232             | GT09-C30R2-25P(3m)  | (Built into GOT)                                    | GT16, GT15, GT14   |
|                      |                    | Cables prepared by the user (max.: 15m)   | GT15-RS2-9P   | GT16, GT15         |
|                      | RS-422             | Cables prepared by the user (max.: 500m)  | (Built into GOT)                                    | GT16               |
|                      |                    | GT09-C30R4-6C(3m)   | GT16-C02R4-9S                                       | GT16               |
|                      |                    | GT09-C100R4-6C(10m)<br>GT09-C200R4-6C(20m)<br>GT09-C300R4-6C(30m)<br>Cables prepared by the user (max.: 500m) | GT15-RS2T4-9P *4<br>GT15-RS4-9S<br>(Built into GOT) | GT16, GT15<br>GT14 |

- \*1 The computer link module version U or later supports the A2SCPU(S1), A2SHCPU(S1), A1SHCPU, A1SJHCPU and A0J2HCPU. In addition, A0J2-C214-S1 (A0J2HCPU-dedicated computer link module) cannot be used.
- \*2 For cables prepared by the user, refer to the following.  
→ GOT1000 Series Connection Manual (Mitsubishi Electric Products) for GT Works3
- \*3 If the connection distance exceeds 30m, consider changing the connection type to the connection using a cable prepared by the user or the network connection.
- \*4 Connect it to the RS-232 interface (built into GOT). It cannot be mounted on GT1655 and GT155□.
- \*5 Production of this module has been discontinued.

**2) When connecting the GOT with MELSEC-A (AnSCPU \*1, A0J2HCPU \*1, A2CCPU)**

| PLC  |                    | Cable model *2*3  | GOT   |                    |
|--|--------------------|---|---|--------------------|
| Computer link module   | Communication type |   | Option device                                       | Model              |
| A1SJ71UC24-R2 *5<br>A1SJ71C24-R2 *5<br>A1SJ71UC24-PRF *5<br>A1SJ71C24-PRF *5 | RS-232             | GT09-C30R2-9P(3m)   | (Built into GOT)                                    | GT16, GT15, GT14   |
|  |                    | Cables prepared by the user (max.: 15m)   | GT15-RS2-9P   | GT16, GT15         |
| A1SJ71UC24-R4 *5<br>A1SJ71C24-R4 *5  | RS-422             | Cables prepared by the user (max.: 500m)  | (Built into GOT)                                    | GT16               |
|  |                    | GT09-C30R4-6C(3m)   | GT16-C02R4-9S                                       | GT16               |
|  |                    | GT09-C100R4-6C(10m)<br>GT09-C200R4-6C(20m)<br>GT09-C300R4-6C(30m)<br>Cables prepared by the user (max.: 500m) | GT15-RS2T4-9P *4<br>GT15-RS4-9S<br>(Built into GOT) | GT16, GT15<br>GT14 |

- \*1 The computer link module version U or later supports the A2SCPU(S1), A2SHCPU(S1), A1SHCPU, A1SJHCPU and A0J2HCPU.

[Issue No.] GOT-A-0009-N

In addition, A0J2-C214-S1 (A0J2HCPU-dedicated computer link module) cannot be used.

- \*2 For cables prepared by the user, refer to the following.  
→ GOT1000 Series Connection Manual (Mitsubishi Electric Products) for GT Works3
- \*3 If the connection distance exceeds 30m, consider changing the connection type to the connection using a cable prepared by the user or the network connection.
- \*4 Connect it to the RS-232 interface (built into GOT). It cannot be mounted on GT1655 and GT155□.
- \*5 Production of this module has been discontinued.

**3) When connecting the GOT with MELSEC-QnA (QnACPU)**

| PLC  |                       | Cable model *1*2                             | GOT              |                     |
|--|-----------------------|--|------------------|---------------------|
| Serial communication/<br>Computer link module                    | Communication<br>type |  | Option device    | Model               |
| AJ71QC24 *5<br>AJ71QC24N *5<br>AJ71QC24-R2 *5<br>AJ71QC24N-R2 *5 | RS-232                | GT09-C30R2-25P(3m)                           | (Built into GOT) | GT16, GT15,<br>GT14 |
|  |                       | Cables prepared by the user<br>(max.: 15m)   | GT15-RS2-9P      | GT16, GT15          |
| AJ71QC24-R4 *5<br>AJ71QC24N-R4 *5                                | RS-422                | GT01-C30R4-25P(3m)                           | GT16-C02R4-9S    | GT16                |
|  |                       | GT01-C100R4-25P(1m)                          | GT15-RS2T4-9P *3 | GT16, GT15          |
|  |                       | GT01-C200R4-25P(20m)                         | GT15-RS4-9S      |                     |
|  |                       | GT01-C300R4-25P(30m)                         | (Built into GOT) | GT14                |
| AJ71QC24 *5<br>AJ71QC24N *5<br>AJ71QC24-R4 *5<br>AJ71QC24N-R4 *5 | RS-422                | Cables prepared by the user<br>(max.: 1200m) | (Built into GOT) | GT16                |
|  |                       | GT09-C30R4-6C(3m)                            | GT16-C02R4-9S    | GT16                |
|  |                       | GT09-C100R4-6C(10m)                          | GT15-RS2T4-9P *3 | GT16, GT15          |
|  |                       | GT09-C200R4-6C(20m)                          | GT15-RS4-9S      |                     |
|  |                       | GT09-C300R4-6C(30m)                          | (Built into GOT) | GT14                |
| Cables prepared by the user<br>(max.: 1200m)                     |                       |  |                  |                     |
|  |                       |  |                  |                     |
| AJ71UC24 *4*5  | RS-232                | GT09-C30R2-25P(3m)                           | (Built into GOT) | GT16, GT15,<br>GT14 |
|  |                       | Cables prepared by the user<br>(max.: 15m)   | GT15-RS2-9P      | GT16, GT15          |
| AJ71UC24 *4*5  | RS-422                | Cables prepared by the user<br>(max.: 500m)  | (Built into GOT) | GT16                |
|  |                       | GT09-C30R4-6C(3m)                            | GT16-C02R4-9S    | GT16                |
|  |                       | GT09-C100R4-6C(10m)                          | GT15-RS2T4-9P *3 | GT16, GT15          |
|  |                       | GT09-C200R4-6C(20m)                          | GT15-RS4-9S      |                     |
|  |                       | GT09-C300R4-6C(30m)                          | (Built into GOT) | GT14                |
|  |                       | Cables prepared by the user<br>(max.: 500m)  |                  |                     |

- \*1 For cables prepared by the user, refer to the following.  
→ GOT1000 Series Connection Manual (Mitsubishi Electric Products) for GT Works3
- \*2 If the connection distance exceeds 30m, consider changing the connection type to the connection using a cable prepared by the user or the network connection.
- \*3 Connect it to the RS-232 interface (built into GOT). It cannot be mounted on GT1655 and GT155□.
- \*4 The usable device numbers correspond to the device range of AnACPU.
- \*5 Production of this module has been discontinued.

**4) Whenconnecting the GOT with MELSEC-QnA (QnASCPU)**

| PLC   |                    | Cable model *1*2  | GOT              |                     |
|---|--------------------|---|------------------|---------------------|
| Serial communication/Computer link module   | Communication type |   | Option device    | Model               |
| A1SJ71QC24 *5<br>A1SJ71QC24N *5<br>A1SJ71QC24N1 *5<br>A1SJ71QC24-R2 *5<br>A1SJ71QC24N-R2 *5<br>A1SJ71QC24N1-R2 *5 | RS-232             | GT09-C30R2-9P(3m)<br>Cables prepared by the user<br>(max.: 15m)   | (Built into GOT) | GT16, GT15,<br>GT14 |
|   |                    |   | GT15-RS2-9P      | GT16, GT15          |
| A1SJ71QC24 *5<br>A1SJ71QC24N *5<br>A1SJ71QC24N1 *5  | RS-422             | Cables prepared by the user<br>(max.: 1200m)  | (Built into GOT) | GT16                |
|   |                    | GT09-C30R4-6C(3m)   | GT16-C02R4-9S    | GT16                |
|   |                    | GT09-C100R4-6C(10m)<br>GT09-C200R4-6C(20m)<br>GT09-C300R4-6C(30m)<br>Cables prepared by the user<br>(max.: 1200m) | GT15-RS2T4-9P *3 | GT16, GT15          |
|   |                    |   | GT15-RS4-9S      |                     |
|   |                    | (Built into GOT)  | GT14             |                     |
| A1SJ71UC24-R2 *4*5<br>A1SJ71C24-R2 *4*5<br>A1SJ71UC24-PRF *4*5<br>A1SJ71C24-PRF *4*5                              | RS-232             | GT09-C30R2-9P(3m)<br>Cables prepared by the user<br>(max.: 15m)   | (Built into GOT) | GT16, GT15,<br>GT14 |
|   |                    |   | GT15-RS2-9P      | GT16, GT15          |
| A1SJ71UC24-R4 *4*5<br>A1SJ71C24-R4 *4*5   | RS-422             | Cables prepared by the user<br>(max.: 500m)   | (Built into GOT) | GT16                |
|   |                    | GT09-C30R4-6C(3m)   | GT16-C02R4-9S    | GT16                |
|   |                    | GT09-C100R4-6C(10m)<br>GT09-C200R4-6C(20m)<br>GT09-C300R4-6C(30m)<br>Cables prepared by the user<br>(max.: 500m)  | GT15-RS2T4-9P *3 | GT16, GT15          |
|   |                    |   | GT15-RS4-9S      |                     |
|   |                    | (Built into GOT)  | GT14             |                     |

- \*1 For cables prepared by the user, refer to the following.  
→ GOT1000 Series Connection Manual (Mitsubishi Electric Products) for GT Works3
- \*2 If the connection distance exceeds 30m, consider changing the connection type to the connection using a cable prepared by the user or the network connection.
- \*3 Connect it to the RS-232 interface (built into GOT). It cannot be mounted on GT1655 and GT155□.
- \*4 The usable device numbers correspond to the device range of AnACPU.
- \*5 Production of this module has been discontinued.

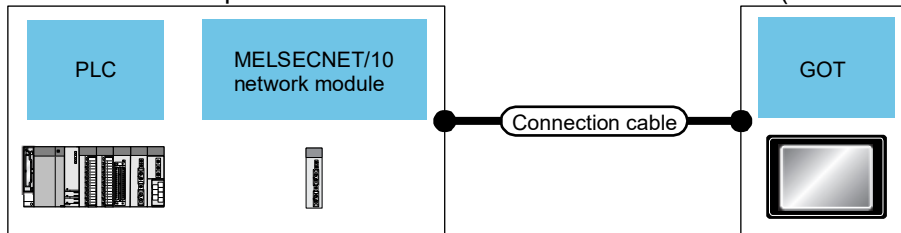
**(2) Changing the connection type to the network connection**

**(a) MELSECNET/10 Connection**

Connect the GOT in the following configuration.

Changing the connection type to the MELSECNET/10 connection requires a MELSECNET/10 network module on the PLC side.

The GOT side requires a MELSECNET/H communication unit (used in the MELSECNET/10 mode).



**1) When connecting the GOT with MELSEC-A (AnCPU \*1, AnSCPU \*1) (optical loop system)**

| PLC                        |                    | Cable model         | GOT                 |            |
|----------------------------|--------------------|---------------------|---------------------|------------|
| MELSECNET/H network module | Communication type |                     | Option device       | Model      |
| AJ71LP21 *4                | MELSECNET/10       | Optical fiber cable | GT15-J71LP23-25 *2  | GT16, GT15 |
| A1SJ71LP21                 |                    |                     | GT15-75J71LP23-Z *3 | GT15       |

\*1 The following PLCs can be connected: A2UCPU, A2UCPU-S1, A3UCPU, A4UCPU, A2USCPU, A2USCPU-S1, and A2USHCPU-S1.

\*2 Set the MELSECNET/10 mode in the controller setting.

\*3 Not available for the GT155□.

\*4 Production of this module has been discontinued.

**2) When connecting the GOT with MELSEC-QnA (QnACPU, QnASCPU) (optical loop system)**

| PLC                        |                    | Cable model         | GOT                 |            |
|----------------------------|--------------------|---------------------|---------------------|------------|
| MELSECNET/H network module | Communication type |                     | Option device       | Model      |
| AJ71QLP21 *3               | MELSECNET/10       | Optical fiber cable | GT15-J71LP23-25 *1  | GT16, GT15 |
| AJ71QLP21S *3              |                    |                     | GT15-75J71LP23-Z *2 | GT15       |
| A1SJ71QLP21                |                    |                     |                     |            |
| A1SJ71QLP21S *3            |                    |                     |                     |            |

\*1 Set the MELSECNET/10 mode in the controller setting.

\*2 Not available for the GT155□.

\*3 Production of this module has been discontinued.

**3) When connecting the GOT with MELSEC-A (AnCPU \*1, AnSCPU \*1) (coaxial bus system)**

| PLC                        |                    | Cable model   | GOT                 |            |
|----------------------------|--------------------|---------------|---------------------|------------|
| MELSECNET/H network module | Communication type |               | Option device       | Model      |
| AJ71BR11 *4                | MELSECNET/10       | Coaxial cable | GT15-J71BR13 *2     | GT16, GT15 |
| A1SJ71BR11                 |                    |               | GT15-75J71BR13-Z *3 | GT15       |

\*1 The following PLCs can be connected: A2UCPU, A2UCPU-S1, A3UCPU, A4UCPU, A2USCPU, A2USCPU-S1, and A2USHCPU-S1.

\*2 Set the MELSECNET/10 mode in the controller setting.

\*3 Not available for the GT155□.

\*4 Production of this module has been discontinued.

[Issue No.] GOT-A-0009-N

**4) When connecting the GOT with MELSEC-QnA (QnACPU, QnASCPU) (coaxial bus system)**

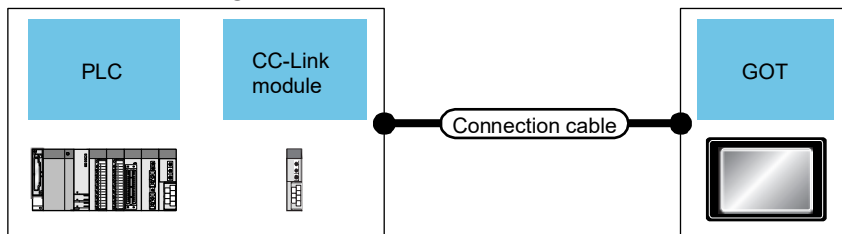
| PLC                         |                    | Cable model | GOT                                    |                    |
|-----------------------------|--------------------|-------------|--|--------------------|
| MELSECNET/H network module  | Communication type |             | Option device                          | Model              |
| AJ71QBR11 *3<br>A1SJ71QBR11 | MELSECNET/10       | Coaxial     | GT15-J71BR13 *1<br>GT15-75J71BR13-Z *2 | GT16, GT15<br>GT15 |

- \*1 Set the MELSECNET/10 mode in the controller setting.
- \*2 Not available for the GT155□.
- \*3 Production of this module has been discontinued.

**(b) CC-Link Connection (Intelligent Device Station)**

Connect the GOT in the following configuration.

Changing the connection type to the CC-Link (intelligent device station) connection requires a CC-Link module on the PLC side.



**1) When connecting the GOT with MELSEC-A (ACPU \*1, AnCPU, AnSCPU)**

| PLC                       |                    | Cable model             | GOT                                 |                    |
|---------------------------|--------------------|-------------------------|-------------------------------------|--------------------|
| CC-Link module            | Communication type |                         | Option device                       | Model              |
| AJ61BT11 *3<br>A1SJ61BT11 | CC-Link<br>(Ver.1) | CC-Link dedicated cable | GT15-J61BT13 *2<br>GT15-75J61BT13-Z | GT16, GT15<br>GT15 |

- \*1 Only A0J2HCPU, A0J2HCPUP21, A0J2HCPUR21, and A0J2HCPU-DC24 can be connected.
- \*2 Specify Ver.1 as the mode setting in the Communication Settings to use it.
- \*3 Production of this module has been discontinued.

**2) When connecting the GOT with MELSEC-QnA (QnACPU, QnASCPU)**

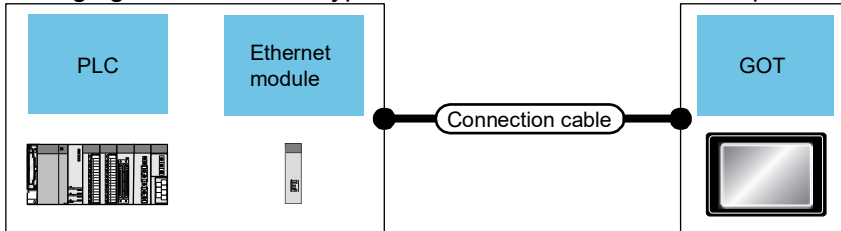
| PLC                         |                    | Cable model             | GOT                                 |                    |
|-----------------------------|--------------------|-------------------------|-------------------------------------|--------------------|
| CC-Link module              | Communication type |                         | Option device                       | Model              |
| AJ61QBT11 *2<br>A1SJ61QBT11 | CC-Link<br>(Ver.1) | CC-Link dedicated cable | GT15-J61BT13 *1<br>GT15-75J61BT13-Z | GT16, GT15<br>GT15 |

- \*1 Specify Ver.1 as the mode setting in the Communication Settings to use it.
- \*2 Production of this module has been discontinued.

**(c) Ethernet Connection**

Connect the GOT in the following configuration.

Changing the connection type to the Ethernet connection requires an Ethernet module on the PLC side.



**1) When connecting the GOT with MELSEC-A (AnCPU, AnSCPU)**

| PLC  |                    | Cable model                                      | GOT              |                     |
|--|--------------------|--|------------------|---------------------|
| Ethernet module  | Communication type |  | Option device    | Model               |
| AJ71E71N3-T *3<br>AJ71E71N-B5 *3<br>AJ71E71N-B2 *3<br>AJ71E71N-T *3<br>AJ71E71N-B5T *3<br>AJ71E71-S3 *3                                      | Ethernet           | Twisted pair cable<br>• 10BASE-T<br>• 100BASE-TX | (Built into GOT) | GT16 *1,<br>GT14 *2 |
| A1SJ71E71N3-T *3<br>A1SJ71E71N-B5 *3<br>A1SJ71E71N-B2 *3<br>A1SJ71E71N-T *3<br>A1SJ71E71N-B5T *3<br>A1SJ71E71-B5-S3 *3<br>A1SJ71E71-B2-S3 *3 |                    |  | GT15-J71E71-100  | GT15                |

\*1 When connecting GT16 of the function version A to an equipment that meets the 10BASE (-T/2/5) standard, use the switching hub and operate in a 10Mbps/100Mbps mixed environment.

For how to check the function version, refer to the following.

→ GT16 User's Manual (Hardware)

\*2 GT14 models compatible with Ethernet connection are only GT1455-QTBDE and GT1450-QMBDE.

\*3 Production of this module has been discontinued.

**2) When connecting the GOT with MELSEC-QnA (QnACPU, QnASCPU)**

| PLC   |                    | Cable model                                      | GOT                                     |                                 |
|---|--------------------|--|---|---------------------------------|
| Ethernet module   | Communication type |  | Option device                           | Model                           |
| AJ71QE71N3-T *3<br>AJ71QE71N-B5 *3<br>AJ71QE71N-B2 *3<br>AJ71QE71N-T *3<br>AJ71QE71N-B5T *3<br>AJ71QE71 *3<br>AJ71QE71-B5 *3<br>A1SJ71QE71N3-T *3<br>A1SJ71QE71N-B5 *3<br>A1SJ71QE71N-B2 *3<br>A1SJ71QE71N-T *3<br>A1SJ71QE71N-B5T *3<br>A1SJ71QE71-B5 *3<br>A1SJ71QE71-B2 *3 | Ethernet           | Twisted pair cable<br>• 10BASE-T<br>• 100BASE-TX | (Built into GOT)<br><br>GT15-J71E71-100 | GT16 *1,<br>GT14 *2<br><br>GT15 |

- \*1 When connecting GT16 of the function version A to an equipment that meets the 10BASE (-T/2/5) standard, use the switching hub and operate in a 10Mbps/100Mbps mixed environment.  
For how to check the function version, refer to the following.  
→ GT16 User's Manual (Hardware)
- \*2 GT14 models compatible with Ethernet connection are only GT1455-QTBDE and GT1450-QMBDE.
- \*3 Production of this module has been discontinued.

**(3) Changing the connection type when multiple GOTs are connected**

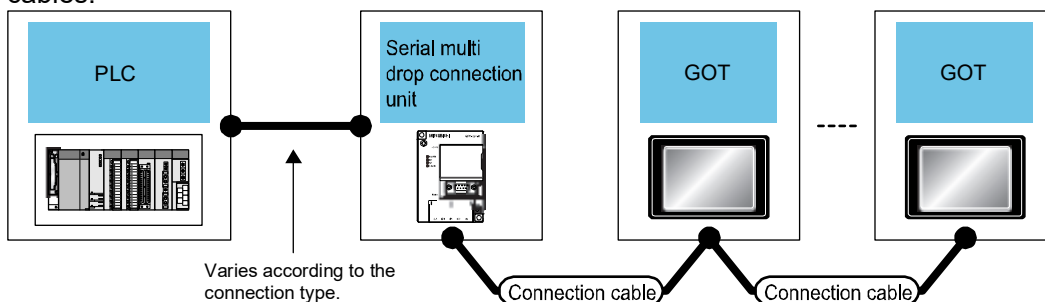
Consider the following connection types for the configuration in which the multiple GOTs are connected.

- Network Connection  
→ 2.2.1 ■2 (2) Changing the connection type to the network connection
- Multi-Drop Connection  
→ (a) Multi-Drop Connection

**(a) Multi-Drop Connection \*1**

Connect the GOT in the following configuration.

Changing the connection type to the multi-drop connection requires the following option devices and cables.



- \*1 When the number of connected slave GOTs and the device points of each GOT increase, the device update cycle on the screen may get slower. In such a case, it is recommended to reduce the device points of each GOT. (Please consider 250 points as a guide of 1 GOT, and 750 points as a guide of the total points.) In addition, when a timeout error occurs, make the timeout time longer in the communication settings of the slave GOT.



**1) When connecting the GOT with MELSEC-A (ACPU, AnCPU, AnSCPU)\*1 or MELSEC-QnA (QnACPU \*2, QnASCPU)**

| Multi-Drop Connection Unit        |                    | Cable model *3                     | GOT                               |            |
|-----------------------------------|--------------------|------------------------------------|-----------------------------------|------------|
| Serial Multi-Drop Connection Unit | Communication type |                                    | Option device                     | Model      |
| GT01-RS4-M                        | RS-485             | User-created cable (500 m max. *6) | FA-LTBGTR4CBL05(0.5m)             | GT16       |
|                                   |                    |                                    | FA-LTBGTR4CBL10(1m)               |            |
|                                   |                    |                                    | FA-LTBGTR4CBL20(2m)               |            |
|                                   |                    |                                    | GT15-RS4-9S                       | GT16, GT15 |
|                                   |                    |                                    | GT15-RS4-TE                       | GT16, GT15 |
|                                   |                    |                                    | GT10-9PT5S *4<br>(Built into GOT) | GT14       |
| GT14-RS2T4-9P *5                  |                    |                                    |                                   |            |

\*1 These PLCs cannot be connected to the serial multi-drop connection unit in the computer link connection.

\*2 Q4ARCPU cannot be connected.

\*3 For cables prepared by the user, refer to the following.

→ GOT1000 Series Connection Manual (Mitsubishi Electric Products) for GT Works3

\*4 Connect it to the RS-422/485 interface (built into GOT).

\*5 Connect it to the RS-232 interface (built into GOT).

\*6 The maximum distance from the PLC to the terminal GOT.

**5. Communication units and options**

**5.1 List of replacement models**

The GOT-A900 series communication units and options cannot be used with the GOT1000 series. For replacing the GOT-A900 series with the GOT1000 series, use the communication units and the options dedicated to the GOT1000 series.

Table 5-1 Replacement models for communication units and options

| Communication format/option | Unit model for GOT-A900 (*2)       | Unit model for GOT1000                 | Remarks  |
|-----------------------------|------------------------------------|--|--|
| Q bus connection            | A9GT-QBUSS                         | GT15-QBUS                              | -  |
|                             | A9GT-50WQBUSS                      | G15-75QBUSL (*4)                       |  |
|                             | A9GT-QBUS2S                        | GT15-QBUS2                             | -  |
|                             | A9GT-50WQBUS2S                     | GT15-75QBUS2L (*4)                     |  |
| A bus connection            | A9GT-BUSS (*1)                     | GT15-ABUS (*10)                        | -  |
|                             | A9GT-BUSSU (*1)                    | GT15-75ABUSL (*4*10)                   |  |
|                             | A9GT-50WBUSS (*1)                  |  |  |
|                             | A9GT-BUS2S (*1)                    | GT15-ABUS2 (*10)                       |  |
| RS-232 connection           | A9GT-RS2                           | GOT built-in interface (RS-232)        | -  |
|                             | A9GT-RS2T                          | GT15-RS2-9P                            | Applicable to GT16/GT15 only   |
|                             | A9GT-50WRS2                        |  |  |
| RS-422 connection           | A9GT-RS4                           | GOT built-in interface (RS-422)        | Applicable to GT16/GT14 only   |
|                             | A9GT-50WRS4(25-pin connector type) |  | GT16: 14-pin connector type<br>GT14: 9-pin connector type  |
|                             |                                    | GT15-RS2T4-25P (*8)                    | 25-pin connector type<br>Applicable to GT16 (except for GT1655) and GT15 (except for GT155□) only                  |
|                             |                                    | GT15-RS4-9S(*5)                        | 9-pin connector type<br>Applicable to GT16/GT15 only   |
| MELSECNET/10 connection     |                                    | GT15-RS2T4-9P (*8)                     | 9-pin connector type<br>Applicable to GT16 (except for GT1655) and GT15 (except for GT155□) only                   |
|                             | A9GT-QJ71LP23 (*1)                 | GT15-J71LP23-25                        | Use the MELSECNET/H communication unit with the MELSECNET/10 mode.   |
|                             | A9GT-QJ71BR13 (*1)                 | GT15-J71BR13                           | Use the MELSECNET/H communication unit with the MELSECNET/10 mode.   |
| MELSECNET(II) connection    | A7GT-J71AP23 (*1)                  | Not available                          | The network system must be changed to the MELSECNET/H network system. The distance between stations is restricted. |
|                             | A7GT-J71AR23 (*1)                  | Not available                          | The network system must be changed to the MELSECNET/H network system. The distance between stations is restricted. |
| MELSECNET/B connection      | A7GT-J71AT23B (*1)                 | Not available                          | The network system must be changed to the MELSECNET/H network system.  |
| CC-Link connection          | A8GT-J61BT13 (*1)                  | GT15-J61BT13                           | For replacing A8GT-J61BT15, change the sequence programs (deleting ladder programs) and the screen settings.       |
|                             | A8GT-J61BT15 (*1)                  |  |  |
| Ethernet connection         | A9GT-J71E71-T                      | GOT built-in interface (Ethernet) (*6) | Applicable to GT16/GT14 only   |
|                             |                                    | GT15-J71E71-100 (*6)                   | Applicable to GT15 only  |

[Issue No.] GOT-A-0009-N

| Communication format/option | Unit model for GOT-A900 (*2)    | Unit model for GOT1000              | Remarks   |
|-----------------------------|---------------------------------|-------------------------------------|---|
| Video/RGB interface unit    | A9GT-80V4R1                     | GT16M-V4R1                          | -   |
|                             | A9GT-80V4                       | GT16M-V4                            |   |
|                             | A9GT-80R1                       | GT16M-R2                            |   |
| External I/O interface      | A9GT-70KBF                      | GT15-DIO (*3)                       | The cable wiring must be changed because of the increase in the number of I/O points and the different interface pin configuration. |
|                             | A9GT-50KBF                      |                                     |   |
| Numeric keypad panel        | A8GT-TK                         | Applicable without replacement (*9) | -   |
| Printer interface           | A9GT-50PRF (Parallel interface) | GT15-PRN                            | The printer model must be changed because the GOT1000 series has a USB interface. (*7)  |
|                             |                                 | GOT built-in interface (RS-232)     | The printer model must be changed because the GOT1000 series has a RS-232 interface. (*7)   |
|                             |                                 | GT15-RS2-9P                         |   |
| PC card interface unit      | A1SD59J-MIF                     | Not available                       | G16/GT15: Built-in CF card interface<br>G14: Built-in SD card interface   |

- \*1 The GOT-A900 series communication unit has setting switches, including rotary switches. Though the GOT1000 series communication unit does not have rotary switches and others, setting switches is required with software. Therefore, set the switches with the drawing software or the utility. For details, refer to Section 4.2.
- \*2 Production of all the GOT-A900 series units was discontinued.
- \*3 Specifications of external power supply voltage, external connection connector shape and others are changed. For details, refer to the GT15 External I/O Unit (Positive Common Input/Sink Type Output) User's Manual (IB-0800382).
- \*4 The slim model has limitation for combination with other units. To use the slim model with the units for the functions, including the external I/O function, the sound output function, the printer function, and the video/RGB I/O function, use the following units.
  - GT15-ABUS (A bus connection 1ch), GT15-ABUS2 (A bus connection 2ch),
  - GT15-QBUS (Q bus connection 1ch), GT15-QBUS2(Q bus connection 2ch)
- \*5 To download monitor screen data and others from a personal computer to the GOT via the GOT built-in RS-232 interface, the cable must be replaced.
- \*6 The A9GT-J71E71-T only supports 10Mbps (10BASE-T). However, the GT15-J71E71-100 and the GT16/GT14 built-in interface (Ethernet) support both 10Mbps (10BASE-T) and 100Mbps (100BASE-TX).  
The GT1695 and the GT1685 with function version A do not support 10Mbps (10BASE-T).
- \*7 Since the Centronics interface (AGT-50PRF) is replaced with the USB interface (GT15-PRN) or the RS-232 interface (GOT built-in interface), change the printer model. For the validated printer models applicable to the GOT1000 series, refer to TECHNICAL BULLETIN GOT-A-0010 "List of Valid Devices Applicable for GOT1000 Series" on the Mitsubishi Electric Factory Automation Global Website.
- \*8 The GT1655 and GT155□ do not support the GT15-RS2T4-25P and GT15-RS2T4-9P.
- \*9 The external I/O unit (GT15-DIO) and the external I/O unit connection conversion cable (GT15-C03HTB) are required. The GT15-DIOR cannot be used.
- \*10 No order was accepted after December 31, 2014, and the production was discontinued in January 31, 2015. To replace a GOT-A900 series unit with a GOT1000 series unit, refer to the following and change the A bus connection to another connection type.
  - 4.1 Replacing the GOT-A900 series (connected by the A bus connection) with the GOT1000 series

**5.2 Units that require new setting method**

The communication units for the GOT-A900 series listed below require settings with rotary switches and others on the hardware. However, the communication units for the GOT1000 series do not have rotary switches and others, and settings with the drawing software or the utility are required. For GOT1000 series, refer to the following table.

Table 5-2 Units that require new setting method and new setting method after change

| GOT-A900 series communication module |                            |   | GOT1000 series communication unit |  |
|--------------------------------------|----------------------------|---|-----------------------------------|--|
| Item                                 | Model                      | Settings on hardware  | Model                             | Setting method   |
| Bus connection interface board       | A9GT-BUSS                  | (1) I/O slot setting switch   | GT15-75ABUSL                      | Set with the drawing software (GT Designer2 and others) or utility of the GOT. |
|                                      | A9GT-BUS2S                 | (2) Extension number setting switch   | GT15-75ABUS2L                     |  |
|                                      | A9GT-50WBUSS               |   | GT15-ABUS                         |  |
| Bus connection interface module      | A9GT-BUSSU                 |   | GT15-ABUS2                        |  |
|                                      | A9GT-BUS2SU                |   |                                   |  |
| CC-Link communication module         | A8GT-J61BT13, A8GT-J61BT15 | (1) Mode setting switch: (A8GT-J61BT13 only)<br>Online/Offline<br>(2) Station number setting switch: tens place, ones place<br>(3) Transmission baudrate setting switch<br>(4) Condition setting switch: Input data status of data link faulty station (A8GT-J61BT13 only), number of occupied stations | GT15-J61BT13                      |  |
| MELSECNET/10 communication module    | A9GT-QJ71LP23              | (1) Mode setting switch: Online/Offline<br>(2) Station number setting switch: tens place, ones place  | GT15-J71LP23-25                   |  |
|                                      | A9GT-QJ71BR13              | (3) Group number setting switch:<br>(4) Network number setting switch: hundreds place, tens place, ones place   | GT15-J71BR13                      |  |

**5.3 Communication units and options without replaceable models**

The communication units and options for the GOT-A900 series listed below do not have alternative models to be compatible with the GOT1000 series. If replacing with the GOT1000 series is difficult, obtain a sufficient number of spare units.

Table 5-3 Communication modules and options without replaceable models and alternative plans

| Category             | Item   | Model         | Alternative plan  |
|----------------------|--|---------------|---|
| Communication module | Data link unit for MELSECNET (II) network system     | A7GT-J71AP23  | Replacing with the MELSECNET/H network system (GOT1000 series communication unit model: GT15-J71BR13/GT15-J71LP23-25) is recommended. (Section 5.4)     |
|                      |  | A7GT-J71AR23  |   |
|                      | Data link unit for MELSECNET/B network system        | A7GT-J71AT23B |   |
|                      | CC-Link communication module (remote device station) | A8GT-J61BT15  | Replacing with the CC-Link (intelligent device station) communication unit (GOT1000 series communication unit model: GT15-J61BT13) is recommended. (*1) |

- \*1
- Maximum number of connected units is reduced from 32 to 26. When connecting more than 26 units, consider adding a master station to support the system.
  - Remote dedicated commands (initial setting command, continuous read command, random read command, continuous write command, random write command, monitor register command, monitor request command, always write register command, and always write register command) are not supported. Please consult Mitsubishi Electric representative for questions regarding to the remote dedicated command.

**5.4 Replacing the GOT-A900 series connected to the MELSECNET(II) or MELSECNET/B network system with the GOT1000 series**

When the GOT-A900 series is used in the MELSECNET(II) or MELSECNET/B network system, the GOT-A900 series cannot be replaced with the GOT1000 series since the GOT1000 series does not support the MELSECNET(II) or MELSECNET/B connection.

Consider the replacement with any of the following method.

- Change the MELSECNET(II) or MELSECNET/B network system in the entire system to the MELSECNET/H network system, and replace the GOT-A900 series with the GOT1000 series.
- Without the change of the MELSECNET(II) or MELSECNET/B network system in the entire system, change the connection type between the programmable controller and the GOT, and replace the GOT-A900 series with the GOT1000 series.

**5.4.1 Replacing the network in the entire system with the MELSECNET/H network system**

Use the following MELSECNET/H communication units for the GOT1000 series.

| Model           | Specifications    |
|-----------------|-------------------|
| GT15-J71LP23-25 | Optical loop unit |
| GT15-J71BR13    | Coaxial bus unit  |

For details of changing to MELSECNET/H system, refer to Transition from MELSEC-A/QnA (Large Type) Series to Q Series Handbook (Network Modules: L(NA)-08048ENG).

**5.4.2 Changing the connection type between the programmable controller and the GOT without change of the network in the entire system**

**(1) When the existing programmable controller has an empty slot**

Add a communication module (for other than the MELSECNET(II), MELSECNET/B, and MELSECNET/10 network systems) to the programmable controller, and change the connection type between the programmable controller and the GOT.

Example of accessing the network via the programmable controller by changing the connection type of the GOT

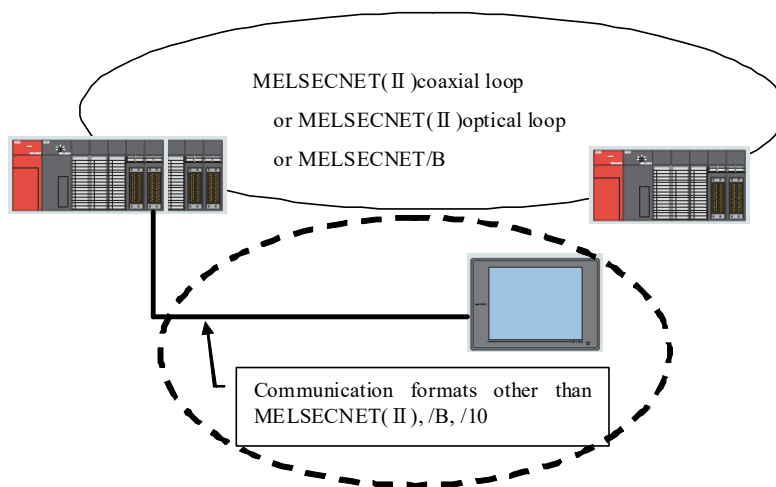


Figure 5-2 Example of replacement configuration when adding a communication module to the programmable controller with an empty slot and connecting the programmable controller to the GOT

The following two restrictions apply when replacing MELSECNET(II) and /B unit

- (a) Station number settings need to be changed depending on the station that the GOT is connected to.
  - When connecting to the master station, change all station numbers of objects to the host station (0-FF).
  - When connecting to local stations, station numbers do not need to be changed.
- (b) When using the cyclic device with host station write, the write area of the GOT is unable to use. Therefore, changing the write device and corresponding ladder is required. To change the devices, use the device batch edit function on the drawing software.

Table 5-4 Communication format between a replacement GOT and a programmable controller, a representative unit model and a connected programmable controller

| Replacement communication format | Representative GOT communication unit model | Connected programmable controller       |
|----------------------------------|---|---|
| Q bus connection                 | GT15-QBUS, GT15-75QBUSL                     | Q series                                |
| RS-232 connection                | RS-232 port of GOT, GT15-RS2-9P             | Q series<br>AnS series<br>QnA(S) series |
| RS-422 connection                | GT15-RS4-9S, GT15-RS2T4-9P                  | Q series<br>AnS series<br>QnA(S) series |

**(2) When the existing programmable controller has no empty slot**

Add a programmable controller to the network. Add a communication module (for other than the MELSECNET(II), MELSECNET/B, and MELSECNET/10 network systems) to the new programmable controller, and change the connection type between the programmable controller and the GOT.

Example of accessing the network by adding a programmable controller to the network

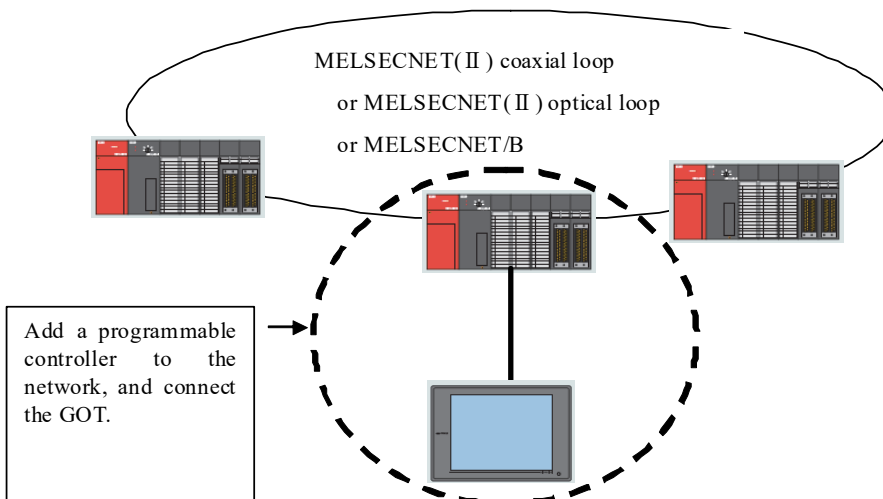
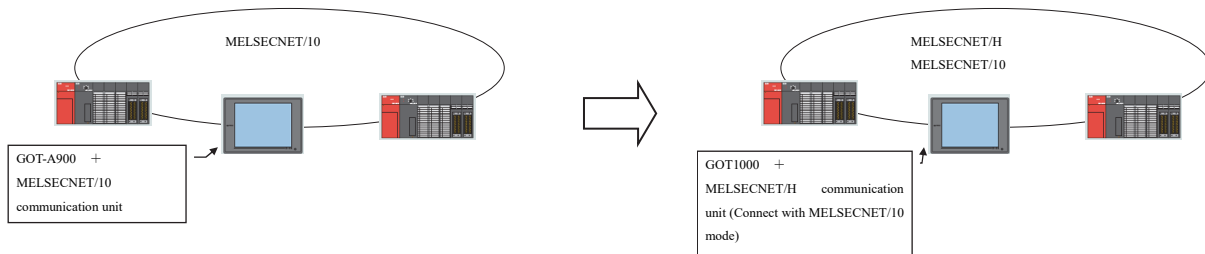


Figure 5-3 Example of replacement configuration when adding a programmable controller to the network and connecting the programmable controller to the GOT

**5.5 Replacing the GOT-A900 series connected to the MELSECNET/10 (programmable controller to programmable controller optical loop/coaxial bus) network system with the GOT1000 series**

Use the MELSECNET/H communication unit listed in Section 5.4.1, set the MELSECNET/H communication unit to the MELSECNET/10 mode, and connect the GOT to the MELSECNET/10 network system.

**5.6 When using the RUN/OUTPUT terminal of the GOT-A900 series power supply**

The GOT1000 series power supply does not have the RUN/OUTPUT terminal.

When you use the RUN/OUTPUT terminal of the GOT-A900 series, consider using the RUN output of the external I/O unit (GT15-DIO).

For the details of the external I/O unit, refer to the following.

- GT15 External I/O Unit (Positive Common Input/Sink Type Output) User's Manual (IB-0800382) (GT15-DIO)
- GT15 External I/O Unit (Negative Common Input/Source Type Output) User's Manual (IB-0800425) (GT15-DIOR)



**6. Cables**

**6.1 Bus connection cables**

The following shows the list for replacing the existing GOT-A900 series cables with the GOT1000 series cables.

Table 6-1 Replacement cables of the GOT1000 series

| Existing GOT-A900 series cable |                                  |              | Replacement GOT1000 series cable                       |                                |  |   |
|--------------------------------|----------------------------------|--------------|--|--------------------------------|--|---|
| Cable                          | Cable model                      | Cable length | Cable model  | Cable length                   | Remarks  |   |
| Q bus connection cable         | Q extension cable                | QC05B        | QC05B<br>+ dedicated ferrite core (GT15-QFC) *1        | 0.45m                          | 0.45m  | For connection between QCPU and GOT   |
|                                | GOT-to-GOT connection cable      | QC06B        | QC06B<br>+ dedicated ferrite core (GT15-QFC) *1        | 0.6m                           | 0.6m   | For connection between GOT and GOT  |
|                                |                                  | QC12B        | QC12B<br>+ dedicated ferrite core (GT15-QFC) *1        | 1.2m                           | 1.2m   |   |
|                                |                                  | QC30B        | QC30B<br>+ dedicated ferrite core (GT15-QFC) *1        | 3m                             | 3m   |   |
|                                |                                  | QC50B        | QC50B<br>+ dedicated ferrite core (GT15-QFC) *1        | 5m                             | 5m   |   |
|                                |                                  | QC100B       | QC100B<br>+ dedicated ferrite core (GT15-QFC) *1       | 10m                            | 10m  |   |
|                                | Q long-distance connection cable | A9GT-QC150BS | A9GT-QC150BS<br>+ dedicated ferrite core (GT15-QFC) *1 | 15m                            | 15m  | For connection between QCPU and GOT (A9GT-QCNB is required.)                                  |
|                                |                                  | A9GT-QC200BS | A9GT-QC200BS<br>+ dedicated ferrite core (GT15-QFC) *1 | 20m                            | 20m  |   |
|                                |                                  | A9GT-QC250BS | A9GT-QC250BS<br>+ dedicated ferrite core (GT15-QFC) *1 | 25m                            | 25m  | For connection between GOT and GOT  |
|                                |                                  | A9GT-QC300BS | A9GT-QC300BS<br>+ dedicated ferrite core (GT15-QFC) *1 | 30m                            | 30m  |   |
|                                |                                  | A9GT-QC350BS | A9GT-QC350BS<br>+ dedicated ferrite core (GT15-QFC) *1 | 35m                            | 35m  |   |
|                                | Bus extension connector box      | A9GT-QCNB    | -  | Applicable without replacement | -  | For QCPU long-distance (13.2m or more) bus connection   |
| A bus connection cable         | Large-size CPU extension cable   | A8GT-C12NB   | A8GT-C12NB<br>+ dedicated ferrite core (GT15-AFC) *1   | 1.2m                           | 1.2m   | For connection between QnA/ACPU/motion controller CPU (A series, extension base unit) and GOT |
|                                |                                  | A8GT-C30NB   | A8GT-C30NB<br>+ dedicated ferrite core (GT15-AFC) *1   | 3m                             | 3m   |   |
|                                |                                  | A8GT-C50NB   | A8GT-C50NB<br>+ dedicated ferrite core (GT15-AFC) *1   | 5m                             | 5m   |   |
|                                | AC06B                            | GT15-AC06B   | 0.6m   | 0.6m                           | For connection between QnA/ACPU/motion controller CPU (A series, extension base unit) and A7GT-CNB |   |
|                                | AC12B                            | GT15-AC12B   | 1.2m   | 1.2m                           |  |   |
|                                | AC30B                            | GT15-AC30B   | 3m   | 3m                             |  |   |
|                                | AC50B                            | GT15-AC50B   | 5m   | 5m                             |  |   |

| Existing GOT-A900 series cable |                                |                               |             | Replacement GOT1000 series cable   |         |   |
|--------------------------------|--------------------------------|-------------------------------|-------------|--|---------|---|
| Cable                          | Cable model                    | Cable length                  | Cable model | Cable length   | Remarks |   |
| A bus connection cable         | Large-size CPU extension cable | AC06B<br>+A7GT-CNB-BUS-1      | 0.6m+0.3m   | GT15-C06NB   | 0.6m    | For connection between  |
|                                |                                | AC12B<br>+A7GT-CNB-BUS-1      | 1.2m+0.3m   | GT15-C12NB   | 1.2m    | QnA/ACPU/motion controller CPU (A series, extension base unit) and GOT                |
|                                |                                | AC30B<br>+A7GT-CNB-BUS-1      | 3m+0.3m     | GT15-C30NB   | 3m      |   |
|                                |                                | AC50B<br>+A7GT-CNB-BUS-1      | 5m+0.3m     | GT15-C50NB   | 5m      |   |
|                                |                                | AC12B-R *2                    | 1.2m        | GT15-AC12B   | 1.2m    | For connection between  |
|                                |                                | AC30B-R *2                    | 3m          | GT15-AC30B   | 3m      | QnA/ACPU/motion controller CPU (A series, extension base unit) and A7GT-CNB           |
|                                |                                | AC50B-R *2                    | 5m          | GT15-AC50B   | 5m      |   |
|                                |                                | AC12B-R<br>+A7GT-CNB-BUS-1 *2 | 1.2m+0.3m   | GT15-C12NB   | 1.2m    | For connection between  |
|                                |                                | AC30B-R<br>+A7GT-CNB-BUS-1 *2 | 3m+0.3m     | GT15-C30NB   | 3m      | QnA/ACPU/motion controller CPU (A series, extension base unit) and GOT                |
|                                |                                | AC50B-R<br>+A7GT-CNB-BUS-1    | 5m+0.3m     | GT15-C50NB   | 5m      |   |
|                                |                                | A7GT-C100EXS(-1)              | 10m         | GT15-C100EXSS-1  | 10m     | For long-distance connection between QnAS/AnSCPU/motion controller (A series) and GOT |
|                                |                                | A7GT-C200EXS(-1)              | 20m         | GT15-C200EXSS-1  | 20m     | For long-distance connection between A7GT-EXCNC and GOT                               |
|                                |                                | A7GT-C300EXS(-1)              | 30m         | GT15-C300EXSS-1  | 30m     | *Combination product of GT15-EXCNC and GT15-C□BS                                      |
|                                |                                | A7GT-C50B                     | 0.5m        | GT15-C07BS   | 0.7m    | For connection between GOT and  |
|                                |                                | A7GT-C100B                    | 10m         | GT15-C12BS   | 1.2m    | GOT   |
|                                |                                | A7GT-C200B                    | 20m         | GT15-C30BS   | 3m      |   |
|                                |                                | A7GT-C250B                    | 25m         | GT15-C30BS   | 3m      |   |
|                                |                                | A7GT-C300B                    | 30m         | GT15-C30BS   | 3m      |   |
|                                |                                | A370C12B-S1                   | 1.2m        | A370C12B-S1<br>+ dedicated ferrite core (GT15-AFC) *1                                | 1.2m    | For connection between motion controller CPU (A series, main base unit) and GOT       |
|                                |                                | A370C25B-S1                   | 2.5m        | A370C25B-S1<br>+ dedicated ferrite core (GT15-AFC) *1                                | 2.5m    |   |
| A370C12B                       | 1.2m                           | GT15-A370C12B                 | 1.2m        | For connection between motion controller CPU (A series, main base unit) and A7GT-CNB |         |   |
| A370C25B                       | 2.5m                           | GT15-A370C25B                 | 2.5m        |  |         |   |

| Existing GOT-A900 series cable |   |                          |  | Replacement GOT1000 series cable                         |   |   |
|--------------------------------|---|--------------------------|--|--|---|---|
| Cable                          | Cable model   | Cable length             | Cable model  | Cable length   | Remarks   |   |
| A bus connection cable         | Large-size CPU extension cable                                | A370C12B +A7GT-CNB-BUS-1 | 1.2m+0.3m  | GT15-A370C12B-S1   | 1.2m  | For connection between motion controller CPU (A series, main base unit) and GOT |
|                                |   | A370C25B +A7GT-CNB-BUS-1 | 2.5m+0.3m  | GT15-A370C25B-S1   | 2.5m  |   |
|                                | Small-size CPU extension cable<br>GOT-to-GOT connection cable | A1SC07B                  | 0.7m   | A1SC07B + dedicated ferrite core (GT15-AFC) *1           | 0.7m  | For connection between  |
|                                |   | A1SC12B                  | 1.2m   | A1SC12B + dedicated ferrite core (GT15-AFC) *1           | 1.2m  | QnAS/AnSCPU/motion controller (A series) and GOT                                |
|                                |   | A1SC30B                  | 3m   | A1SC30B + dedicated ferrite core (GT15-AFC) *1           | 3m  | For connection between GOT and GOT  |
|                                |   | A1SC50B                  | 5m   | A1SC50B + dedicated ferrite core (GT15-AFC) *1           | 5m  |   |
|                                | Small-size CPU extension cable                                | A1SC05NB                 | 0.5m   | A1SC05NB + dedicated ferrite core (GT15-AFC) *1          | 0.5m  | For connection between  |
|                                |   | A1SC07NB                 | 0.7m   | A1SC07NB + dedicated ferrite core (GT15-AFC) *1          | 1.2m  | QnAS/AnSCPU and A7GT-CNB  |
|                                |   | A1SC30NB                 | 3m   | A1SC30NB + dedicated ferrite core (GT15-AFC) *1          | 3m  |   |
|                                |   | A1SC50NB                 | 5m   | A1SC50NB + dedicated ferrite core (GT15-AFC) *1          | 5m  |   |
|                                |   | A1SC05NB +A7GT-CNB-BUS-1 | 0.5m+0.3m  | GT15-A1SC07B   | 0.7m  | For connection between  |
|                                |   | A1SC07B +A7GT-CNB-BUS-1  | 0.7m+0.3m  | GT15-A1SC07B   | 0.7m  | QnAS/AnSCPU/motion controller (A series) and GOT                                |
|                                |   | A1SC30NB +A7GT-CNB-BUS-1 | 3m+0.3m  | GT15-A1SC30B   | 3m  |   |
|                                |   | A1SC50NB +A7GT-CNB-BUS-1 | 5m+0.3m  | GT15-A1SC50B   | 5m  |   |
|                                | Small-size CPU long-distance connection cable                 | A8GT-C100EXSS(-1)        | 10.6m  | A8GT-C100EXSS(-1) + dedicated ferrite core (GT15-AFC) *1 | 10.6m   | For connection between QnAS/AnSCPU/motion controller (A series) and GOT         |
|                                |   | A8GT-C200EXSS(-1)        | 20.6m  | A8GT-C200EXSS(-1) + dedicated ferrite core (GT15-AFC) *1 | 20.6m   | For connection between A7GT-CNB and GOT   |
|                                |   | A8GT-C300EXSS(-1)        | 30.6m  | A8GT-C300EXSS(-1) + dedicated ferrite core (GT15-AFC) *1 | 30.6m   | *Combination product of A8GT-EXCNB and A8GT-C□BS                                |
|                                | GOT-to-GOT long-distance connection cable                     | A8GT-C100BS              | 10m  | A8GT-C100BS + dedicated ferrite core (GT15-AFC) *1       | 10m   | For connection between GOT and GOT  |
|                                |   | A8GT-C200BS              | 20m  | A8GT-C200BS + dedicated ferrite core (GT15-AFC) *1       | 20m   |   |
|                                |   | A8GT-C300BS              | 30m  | A8GT-C300BS + dedicated ferrite core (GT15-AFC) *1       | 30m   |   |
| A0J2HCPU connection cable      | A9GT-J2C10B   | 1m                       | A9GT-J2C10B + dedicated ferrite core (GT15-AFC) *1 | 1m   | For connection between A0J2HCPU power supply module (A0J2-PW) and GOT |   |

[Issue No.] GOT-A-0009-N

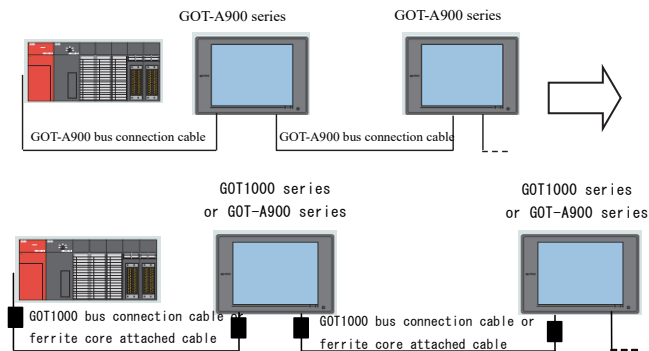
| Existing GOT-A900 series cable |                              |             |              | Replacement GOT1000 series cable |              |   |
|--------------------------------|------------------------------|-------------|--------------|----------------------------------|--------------|---|
| Cable                          |                              | Cable model | Cable length | Cable model                      | Cable length | Remarks                                   |
| A bus connection cable         | Bus connector conversion box | A7GT-CNB    | -            | Applicable without replacement   | -            | For QnA/ACPU long-distance bus connection |

\*1 Purchase the ferrite cores from Mitsubishi Electric System & Service Co., Ltd. (The GT15-QFC or the GT15-AFC includes two ferrite cores for a cable.)

\*2 The existing right angle cables must be replaced with the normal cables because the GOT1000 series has no right angle cables.

**6.1.1 Replacing GOT when using multiple units of bus connection**

When multiple GOT-A900 series are connected with the bus connection, one or more GOT-A900 series can be replaced with the GOT1000 series by replacing all the bus connection cables with the GOT1000 series cables or by attaching ferrite cores (listed in Section 5.1) to the GOT-A900 series cables. Therefore, the GOT-A900 series and the GOT1000 series can exist in the same system.



**6.2 RS-232 cable**

Table 6-2 Replacement cables of the GOT1000 series

| Existing GOT-A900 series cable               |                              |                            |                               | Replacement GOT1000 series cable |   |                                     |
|--|------------------------------|----------------------------|-------------------------------|----------------------------------|---|-------------------------------------|
| Cable  |                              | Cable model                | Cable length                  | Cable model                      | Cable length                              | Remarks                             |
| RS-232 cable                                 | CPU direct connection cable  | QC30R2                     | 3m                            | GT01-C30R2-6P                    | 3m  | For connection between QCPU and GOT |
|  | QCPU direct connection cable | AC30R4-25P +FA-CNV2402CBL  | 3m+0.2m                       | GT01-C30R4-25P+FA-CNV2402CBL     | 3m+0.2m                                   | For connection between QCPU and GOT |
|  |                              | AC30R4-25P +FA-CNV2405CBL  | 3m+0.5m                       | GT01-C30R4-25P+FA-CNV2405CBL     | 3m+0.5m                                   |                                     |
|  |                              | AC100R4-25P +FA-CNV2402CBL | 10m+0.2m                      | GT01-C100R4-25P+FA-CNV2402CBL    | 10m+0.2m                                  |                                     |
|  |                              | AC100R4-25P +FA-CNV2405CBL | 10m+0.5m                      | GT01-C100R4-25P+FA-CNV2405CBL    | 10m+0.5m                                  |                                     |
|  |                              | AC300R4-25P +FA-CNV2402CBL | 30m+0.2m                      | GT01-C300R4-25P+FA-CNV2402CBL    | 30m+0.2m                                  |                                     |
|  | AC300R4-25P +FA-CNV2405CBL   | 30m+0.5m                   | GT01-C300R4-25P+FA-CNV2405CBL | 30m+0.5m                         |   |                                     |
| FX function extension board connection cable | AC30R2-9SS                   | 3m                         | GT01-C30R2-9S                 | 3m                               | For QnA/ACPU long-distance bus connection |                                     |
|  | FX-232CAB-1                  | 3m                         |                               |                                  |   |                                     |

**6.3 RS-422 cable**

Table 6-3 Replacement cables of the GOT1000 series

| Existing GOT-A900 series cable |   |              |             | Replacement GOT1000 series cable   |          |   |
|--------------------------------|---|--------------|-------------|--|----------|---|
| Cable                          | Cable model   | Cable length | Cable model | Cable length   | Remarks  |   |
| RS-422 cable                   | QnA/A/FXCPU direct connection cable, Computer link cable, AJ65BT-G4 cable | AC30R4-25P   | 3m          | For GT16<br>AC30R4-25P + GT16-C02R4-25S<br>*Use the built-in RS-422/485 interface.   | 3m+0.2m  | For connection between QnA/A/FX(FX1, FX2, FX2c) CPU and GOT,<br>For connection between FA-CNV□CBL and GOT,<br>For connection between FX-2PIF and GOT,<br>For connection between FX-422AW0 and GOT,<br>For connection between serial communication module (AJ71QC24(N)-R4) and GOT,<br>For connection between AJ65BT-G4-S3 and GOT |
|                                |   |              |             | For GT16 (excluding GT165□)<br>Existing cable (AC30R4-25P) + RS-422 conversion unit (GT15-RS2T4-25P) + GOT built-in RS-232 interface                             | 3m       |   |
|                                |   |              |             | For GT15 (excluding GT155□)<br>Existing cable (AC30R4-25P)<br>*Connect the RS-422 conversion unit (GT15-RS2T4-25P) to the built-in RS-232 interface of the GOT.  | 3m       |   |
|                                |   |              |             | For GT155□<br>GT01-C30R4-25P<br>*Use the RS-422 serial communication unit (GT15-RS4-9S).   | 3m       |   |
|                                |   |              |             | For GT14<br>GT01-C30R4-25P   | 3m       |   |
|                                |   | AC100R4-25P  | 10m         | For GT16<br>AC100R4-25P + GT16-C02R4-25S<br>*Use the built-in RS-422/485 interface.  | 10m+0.2m |   |
|                                |   |              |             | For GT16 (excluding GT165□)<br>Existing cable (AC100R4-25P) + RS-422 conversion unit (GT15-RS2T4-25P) + GOT built-in RS-232 interface                            | 10m      |   |
|                                |   |              |             | For GT15 (excluding GT155□)<br>Existing cable (AC100R4-25P)<br>*Connect the RS-422 conversion unit (GT15-RS2T4-25P) to the built-in RS-232 interface of the GOT. | 10m      |   |
|                                |   |              |             | For GT155□<br>GT01-C100R4-25P<br>*Use the RS-422 serial communication unit (GT15-RS4-9S).  | 10m      |   |
|                                |   |              |             | For GT14<br>GT01-C100R4-25P  | 10m      |   |

| Existing GOT-A900 series cable  |   |              |                | Replacement GOT1000 series cable   |  |   |
|---|---|--------------|----------------|--|--|---|
| Cable   | Cable model   | Cable length | Cable model    | Cable length   | Remarks  |   |
| RS-422 cable  | QnA/FXCPU direct connection cable, Computer link cable, AJ65BT-G4 cable | AC300R4-25P  | 30m            | For GT16<br>AC300R4-25P + GT16-C02R4-25S<br>*Use the built-in RS-422/485 interface.  | 30m+0.2m   | For connection between QnA/A/FX(FX1, FX2, FX2c) CPU and GOT,<br>For connection between FA-CNV□CBL and GOT,<br>For connection between FX-2PIF and GOT,<br>For connection between FX-422AW0 and GOT,<br>For connection between serial communication module (AJ71QC24(N)-R4) and GOT,<br>For connection between AJ65BT-G4-S3 and GOT |
|   |   |              |                | For GT16 (excluding GT165□)<br>Existing cable (AC300R4-25P) + RS-422 conversion unit (GT15-RS2T4-25P) + GOT built-in RS-232 interface                            | 30m  |   |
|   |   |              |                | For GT15 (excluding GT155□)<br>Existing cable (AC300R4-25P)<br>*Connect the RS-422 conversion unit (GT15-RS2T4-25P) to the built-in RS-232 interface of the GOT. | 30m  |   |
|   |   |              |                | For GT155□<br>GT01-C300R4-25P<br>*Use the RS-422 serial communication unit (GT15-RS4-9S).  | 30m  |   |
|   |   |              |                | For GT14<br>GT01-C300R4-25P  | 30m  |   |
| FXCPU direct connection cable<br>FX function extension board connection cable | FX9GT-CAB0-150  | 1m           | GT01-C10R4-8P  | 1m   | For connection between FXCPU (FX0, FX0S, FX0N, FX1S, FX1N, FX2N, FX2NC) and GOT<br>For connection between FXCPU extension board (FX1N-422-BD, FX2N-422-BD) and GOT |   |
|   | FX9GT-CAB0  | 3m           | GT01-C30R4-8P  | 3m   |  |   |
|   | FX9GT-CAB0-10M  | 10m          | GT01-C100R4-8P | 10m  |  |   |
|   | AC30R4-25P +FX-422AW0   | 3m+1.5m      | GT01-C10R4-8P  | 1m   |  |   |
|   | AC100R4-25P +FX-422AW0  | 10m+1.5m     | GT01-C100R4-8P | 10m  |  |   |
|   | AC300R4-25P +FX-422AW0  | 30m+1.5m     | GT01-C300R4-8P | 30m  |  |   |

**6.4 Network cable (MELSECNET/10, Ethernet, and CC-Link)**

The GOT-A900 series network cables are applicable to the GOT1000 series models.

**6.5 Other cables**

Table 6-4 Treatment for other existing cables

| Existing GOT-A900 series cable                               |                            |              | Replacement GOT1000 series cable               |              |   |
|--|----------------------------|--------------|--|--------------|---|
| Cable  | Cable model                | Cable length | Cable model                                    | Cable length | Remarks                                       |
| Printer cable  | AC30PIO-20P                | 3m           | For printer unit (GT15-PRN),<br>GT09-C30USB-5P | 3m           | GOT-A900 series:<br>Parallel interface        |
|  |                            |              | For serial printer,<br>cables prepared by user | -            | GOT1000 series:<br>USB or RS-232<br>interface |
| CRT connection cable   | AV50VG                     | 5m           | Applicable without replacement                 | -            | -   |
|  | AV300VG                    | 30m          | Applicable without replacement                 | -            | -   |
| Video image display<br>coaxial cable                         | cables prepared by<br>user | -            | Applicable without replacement                 | -            | -   |
| Nine-core combined<br>cable for displaying the<br>RGB screen | cables prepared by<br>user | -            | Applicable without replacement                 | -            | -   |

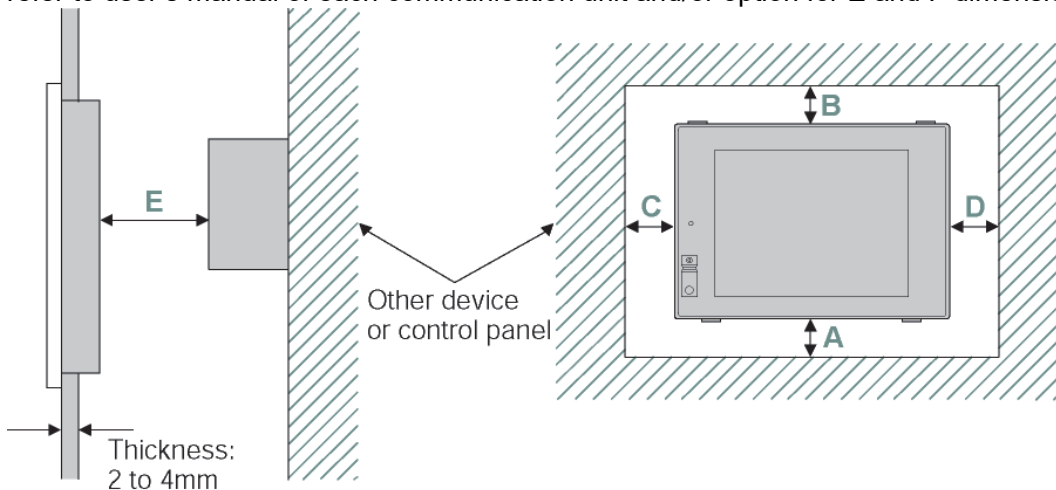


**7. Mounting intervals**

When replacing the GOT-A900 series with the GOT1000 series, some models and connection methods require larger mounting intervals than the GOT-A900 series. Among mounting intervals (dimensions from A to F in the figure below), only A and F dimensions will have larger intervals. Cautions for replacement are described below.

For intervals required for each product, refer to the product installation interval section in the GOT1000 catalog.

In addition, when installing a communication unit or option unit on the GOT to use the multi-channel function, refer to user’s manual of each communication unit and/or option for E and F dimensions.



**7.1 Downward dimension (A dimension)**

**7.1.1 Bus connection**

When replacing the GOT-A900 series bus connection unit with the one in the GOT1000 series, additional dimension (A dimension) is required. The dimension of each model is listed below.

Table 7-1 Downward dimension (A dimension) when connecting a bus connection unit

(Unit: mm)

| GOT-A900 series in present use |                                       |               | Alternative model |                           |                               |            |
|--------------------------------|---------------------------------------|---------------|-------------------|---------------------------|-------------------------------|------------|
| GOT model                      | Bus connection interface module model | A dimension   | GOT model         | Bus connection unit model | A dimension                   |            |
| A985GOT<br>*2                  | A985GOT-TBA-V                         | 30 or more    | GT1685M-STBA      | GT15-ABUS                 | 50 or more<br>(20 or more) *1 |            |
|                                | A985GOT-TBD-V                         |               | A9GT-BUSSU        | GT15-ABUS2                |                               |            |
|                                |                                       |               | A9GT-BUS2SU       | GT15-QBUS                 |                               |            |
|                                | A985GOT-TBA                           |               | A9GT-QBUS2SU      | GT1585V-STBA              |                               | GT15-QBUS2 |
|                                | A985GOT-TBD                           |               | GT1685M-STBD      | GT15-75ABUSL              |                               |            |
| A985GOT-TBA-EU                 | GT1585V-STBD                          | GT15-75ABUS2L |                   |                           |                               |            |
|                                | GT1685M-STBA                          | GT15-75QBUSL  |                   |                           |                               |            |
|                                | GT1585-STBA                           | GT15-75QBUS2L |                   |                           |                               |            |
|                                | GT1685M-STBD                          |               |                   |                           |                               |            |
|                                | GT1585-STBD                           |               |                   |                           |                               |            |
|                                | GT1685M-STBA                          |               |                   |                           |                               |            |
|                                | GT1585-STBA                           |               |                   |                           |                               |            |

[Issue No.] GOT-A-0009-N

| GOT-A900 series in present use |                |                                       |              | Alternative model  |                           |  |
|--------------------------------|----------------|---------------------------------------|--------------|--|---------------------------|--|
| GOT model                      |                | Bus connection interface module model | A dimension  | GOT model  | Bus connection unit model | A dimension  |
| A975GOT<br>*2                  | A975GOT-TBA-B  | A9GT-BUSSU                            | 15 or more   | GT1675M-VTBA   | GT15-ABUS                 | For GT16<br>50 or more<br>(26 or more) *1  |
|                                | A975GOT-TBD-B  | A9GT-BUS2SU                           |              | GT1575-VTBA  | GT15-ABUS2                |  |
|                                | A975GOT-TBA    | A9GT-QBUS2SU                          |              | GT1675M-VTBD   | GT15-QBUS                 | For GT15<br>50 or more<br>(35 or more) *1  |
|                                | A975GOT-TBD    |                                       |              | GT1575-VTBD  | GT15-QBUS2                |  |
|                                | A975GOT-TBA-EU |                                       |              | GT1675M-VTBA   | GT15-75ABUSL              |  |
|                                |                |                                       | GT1575-VTBA  | GT15-75ABUS2L  |                           |  |
|                                |                |                                       | GT1675M-VTBD | GT15-75QBUSL   |                           |  |
|                                |                |                                       | GT1575-VTBD  | GT15-75QBUS2L  |                           |  |
|                                |                |                                       | GT1675M-VTBA |  |                           |  |
|                                |                |                                       | GT1575-VTBA  |  |                           |  |
| A970GOT<br>*2                  | A970GOT-TBA-B  | A9GT-BUSSU                            | 15 or more   | GT1675M-VTBA   | GT15-ABUS                 | For GT16<br>50 or more<br>(26 or more) *1  |
|                                | A970GOT-TBD-B  | A9GT-BUS2SU                           |              | GT1575-VTBA  | GT15-ABUS2                |  |
|                                | A970GOT-TBA    | A9GT-QBUS2SU                          |              | GT1675M-VTBD   | GT15-QBUS                 | For GT15<br>50 or more<br>(35 or more) *1  |
|                                | A970GOT-TBD    |                                       |              | GT1575-VTBD  | GT15-QBUS2                |  |
|                                | A970GOT-TBA-EU |                                       |              | GT1675M-VTBA   | GT15-75ABUSL              |  |
|                                | A970GOT-SBA    |                                       |              | GT1575-VTBA  | GT15-75ABUS2L             |  |
|                                | A970GOT-SBD    |                                       |              | GT1675M-VTBD   | GT15-75QBUSL              |  |
|                                | A970GOT-SBA-EU |                                       |              | GT1575-VTBD  | GT15-75QBUS2L             |  |
|                                | A970GOT-LBA    |                                       |              | GT1675M-VTBA   |                           | For GT16<br>50 or more<br>(36 or more) *1<br>For GT15<br>50 or more<br>(40 or more) *1 |
|                                |                |                                       |              | GT1575-VTBA  |                           |  |
|                                |                |                                       |              | GT1675-VNBA  |                           |  |
|                                |                |                                       |              | GT1575-VNBA  |                           |  |
|                                |                |                                       |              | GT1675-VNBD  |                           |  |
|                                |                |                                       |              | GT1575-VNBD  |                           | For GT16<br>50 or more<br>(26 or more) *1<br>For GT15<br>50 or more<br>(35 or more) *1 |
|                                |                |                                       |              | GT1675-VNBA  |                           |  |
|                                |                | GT1575-VNBA                           |              |  |                           |  |
|                                |                | GT1672-VNBA                           |              | For GT16<br>50 or more<br>(36 or more) *1<br>For GT15<br>50 or more<br>(40 or more) *1 |                           |  |
|                                |                | GT1572-VNBA                           |              |  |                           |  |
|                                |                | GT1662-VNBA                           |              | For GT16<br>50 or more<br>(36 or more) *1<br>For GT15<br>50 or more<br>(40 or more) *1 |                           |  |
|                                |                | GT1562-VNBA                           |              |  |                           |  |
|                                |                |                                       | GT1672-VNBD  | For GT16<br>50 or more<br>(26 or more) *1<br>For GT15<br>50 or more<br>(35 or more) *1 |                           |  |
|                                |                |                                       | GT1572-VNBD  |  |                           |  |
|                                |                |                                       | GT1662-VNBD  | For GT16<br>50 or more<br>(36 or more) *1<br>For GT15<br>50 or more<br>(40 or more) *1 |                           |  |
|                                |                |                                       | GT1562-VNBD  |  |                           |  |

[Issue No.] GOT-A-0009-N

| GOT-A900 series in present use |                       |   |             | Alternative model |                           |                 |
|--------------------------------|-----------------------|---|-------------|-------------------|---------------------------|-----------------|
| GOT model                      |                       | Bus connection interface module model         | A dimension | GOT model         | Bus connection unit model | A dimension     |
| A970GOT<br>*2                  | A970GOT-LBA-EU        | A9GT-BUSSU<br>A9GT-BUS2SU<br><br>A9GT-QBUS2SU | 15 or more  | GT1672-VNBA       | GT15-ABUS                 | For GT16        |
|                                |                       |   |             | GT1572-VNBA       | GT15-ABUS2                | 50 or more      |
|                                |                       |   |             |                   | GT15-QBUS                 | (26 or more) *1 |
|                                |                       |   |             |                   | GT15-QBUS2                | For GT15        |
|                                |                       |   |             | GT15-75ABUSL      | 50 or more                |                 |
|                                |                       |   |             | GT15-75ABUS2L     | (35 or more) *1           |                 |
|                                |                       |   |             | GT1662-VNBA       | GT15-75QBUSL              | For GT16        |
|                                |                       |   |             | GT1562-VNBA       | GT15-75QBUS2L             | 50 or more      |
|                                |                       |   |             |                   |                           | (36 or more) *1 |
|                                |                       |   |             |                   |                           | For GT15        |
|                                |                       |   |             |                   |                           | 50 or more      |
|                                |                       |   |             |                   |                           | (40 or more) *1 |
| A960GOT<br>*2                  | A960GOT-EBA           |   | 30 or more  | GT1662-VNBA       |                           | For GT16        |
|                                | A960GOT-EBD           |   |             | GT1562-VNBA       |                           | 50 or more      |
|                                |                       |   |             | GT1662-VNBD       |                           | (36 or more) *1 |
|                                | A960GOT-EBA-EU        |   |             | GT1562-VNBD       |                           | For GT15        |
|                                |                       |   |             | GT1662-VNBA       | 50 or more                |                 |
|                                |                       |   |             | GT1562-VNBA       | (40 or more) *1           |                 |
| A956WGOT                       | A956WGOT-TBD          | A9GT-BUSSU<br>A9GT-BUS2SU                     | 105 or more | GT1655-VTBD       |                           | 50 or more      |
|                                |                       |   |             | GT1555-VTBD       |                           |                 |
| A956GOT                        | A956GOT-TBD(-M3)      | A9GT-BUSSU<br>A9GT-BUS2SU<br>A9GT-QBUS2SU     | 130 or more | GT1655-VTBD       |                           |                 |
|                                | A956GOT-SBD(-M3)-B    |   |             | GT1555-QTBD       |                           |                 |
|                                | A956GOT-SBD(-M3)      |   |             | GT1655-VTBD       |                           |                 |
|                                |                       |   |             | GT1555-QSBD       |                           |                 |
|                                | A956GOT-LBD(-M3)      |   |             | GT1655-VTBD       |                           |                 |
|                                |                       |   |             | GT1555-QSBD       |                           |                 |
|                                |                       |   |             | GT1655-VTBD       |                           |                 |
|                                |                       |   |             | GT1550-QLBD       |                           |                 |
| A951GOT                        | A951GOT-(Q)TBD(-M3)   | (Built-in)                                    |             | GT1655-VTBD       |                           |                 |
|                                | A951GOT-(Q)SBD(-M3)-B |   |             | GT1555-QTBD       |                           |                 |
|                                | A951GOT-(Q)SBD(-M3)   |   |             | GT1655-VTBD       |                           |                 |
|                                |                       |   |             | GT1555-QSBD       |                           |                 |
|                                | A951GOT-(Q)LBD(-M3)   |   |             | GT1655-VTBD       |                           |                 |
|                                |                       |   |             | GT1555-QSBD       |                           |                 |
|                                |                       |   |             | GT1655-VTBD       |                           |                 |
|                                |                       |   |             | GT1550-QLBD       |                           |                 |

\*1 When there is no equipment which produces radiation noise (such as contactor) or generates heat around the GOT, dimension in ( ) can be applied; however, the ambient temperature of the GOT should be under 55°C.

\*2 To use the sound output function and/or RGB output function, corresponding option unit is required. For details, refer to Chapter 3. In addition, the multi-channel function is required for GOT1000 series.

Refer to the chapter of the multi-channel function in the following manuals.

- GOT1000 Series Connection Manual (SH-080532ENG)
- GOT1000 Series Connection Manual (Microcomputer, MODBUS Products, Peripherals) for GT Works3 (SH-080871ENG)

**7.2 Depth dimension (F dimension)**

Mounting interval of product (E dimension) should be more than 100 mm.

When using a bus connection (bus connection interface board) or connecting to a printer, the depth (F dimension) increases on replacing with the GOT1000 series.

Necessary depth (F dimension) of each connection type and model are listed below.

In the case of using multi-channel connection, please consider additional space to attach communication units.

For details, refer to the external dimensions in APPENDICES of the GT15 User's Manual (SH-080528ENG) or the GT16 User's Manual (Hardware) (SH-080928ENG).

**7.2.1 Bus connection**

Table 7-2 Depth dimension (F dimension) when using the bus connection

(Unit: mm)

| GOT-A900 series in present use |                |   |                              | Alternative model |   |   |
|--------------------------------|----------------|---|------------------------------|-------------------|---|---|
| GOT model                      |                | F dimension   |                              | GOT model         | F dimension   |   |
|                                |                | Bus connection unit model<br>A9GT-BUSS<br>A9GT-BUS2S<br>A9GT-QBUSS<br>A9GT-QBUS2S | Built-in bus connection unit |                   | Bus connection unit model<br>GT15-ABUS<br>GT15-ABUS2<br>GT15-QBUS<br>GT15-QBUS2 | Bus connection unit model<br>GT15-75ABUSL<br>GT15-75ABUS2L<br>GT15-75QBUSL<br>GT15-75QBUS2L |
| A985GOT                        | A985GOT-TBA-V  | 43  | -                            | GT1685M-STBA      | 64  | 51  |
|                                | A985GOT-TBD-V  |   |                              | GT1585V-STBA      |   |   |
|                                | A985GOT-TBA    |   |                              | GT1685M-STBD      |   |   |
|                                | A985GOT-TBD    |   |                              | GT1585V-STBD      |   |   |
|                                | A985GOT-TBA-EU |   |                              | GT1685M-STBA      |   |   |
|                                |                |   |                              | GT1585-STBA       |   |   |
| A975GOT                        | A975GOT-TBA-B  | 40  | -                            | GT1675M-VTBA      | 64  | 51  |
|                                | A975GOT-TBD-B  |   |                              | GT1575-VTBA       |   |   |
|                                | A975GOT-TBA    |   |                              | GT1675M-VTBD      |   |   |
|                                | A975GOT-TBD    |   |                              | GT1575-VTBD       |   |   |
|                                | A975GOT-TBA-EU |   |                              | GT1675M-VTBA      |   |   |
|                                |                |   |                              | GT1575-VTBA       |   |   |
| A970GOT                        | A970GOT-TBA-B  | 40  | -                            | GT1675M-VTBA      | 64  | 51  |
|                                | A970GOT-TBD-B  |   |                              | GT1575-VTBA       |   |   |
|                                | A970GOT-TBA    |   |                              | GT1675M-VTBD      |   |   |
|                                | A970GOT-TBD    |   |                              | GT1575-VTBD       |   |   |
|                                |                |   |                              | GT1675M-VTBA      |   |   |
|                                |                |   |                              | GT1575-VTBA       |   |   |

[Issue No.] GOT-A-0009-N

| GOT-A900 series in present use |                       |   |                              | Alternative model |   |   |    |    |
|--------------------------------|-----------------------|---|------------------------------|-------------------|---|---|----|----|
| GOT model                      |                       | F dimension   |                              | GOT model         | F dimension   |   |    |    |
|                                |                       | Bus connection unit model<br>A9GT-BUSS<br>A9GT-BUS2S<br>A9GT-QBUSS<br>A9GT-QBUS2S | Built-in bus connection unit |                   | Bus connection unit model<br>GT15-ABUS<br>GT15-ABUS2<br>GT15-QBUS<br>GT15-QBUS2 | Bus connection unit model<br>GT15-75ABUSL<br>GT15-75ABUS2L<br>GT15-75QBUSL<br>GT15-75QBUS2L |    |    |
| A970GOT                        | A970GOT-TBA-EU        | 40  | -                            | GT1675M-VTBA      | 64  | 51  |    |    |
|                                | A970GOT-SBA           |   |                              | GT1575-VTBA       |   |   |    |    |
|                                | A970GOT-SBD           |   |                              | GT1675-VNBA       |   |   |    |    |
|                                | A970GOT-SBA-EU        |   |                              | GT1575-VNBA       |   |   |    |    |
|                                | A970GOT-LBA           |   |                              | GT1675-VNBD       |   |   |    |    |
|                                |                       |   |                              | GT1575-VNBD       |   |   |    |    |
|                                |                       |   |                              | GT1675-VNBA       |   |   |    |    |
|                                |                       |   |                              | GT1575-VNBA       |   |   |    |    |
|                                |                       |   |                              | GT1672-VNBA       |   |   |    |    |
|                                |                       |   |                              | GT1572-VNBA       |   |   |    |    |
|                                |                       |   |                              | GT1662-VNBA       |   |   | 69 | 56 |
|                                |                       |   |                              | GT1562-VNBA       |   |   |    |    |
|                                | A970GOT-LBD           |   |                              | GT1672-VNBD       |   |   | 64 | 51 |
|                                |                       |   |                              | GT1572-VNBD       |   |   |    |    |
| A970GOT-LBA-EU                 | GT1662-VNBD           | 69  | 56                           |                   |   |   |    |    |
|                                | GT1562-VNBD           |   |                              |                   |   |   |    |    |
|                                | GT1672-VNBA           | 64  | 51                           |                   |   |   |    |    |
|                                | GT1572-VNBA           |   |                              |                   |   |   |    |    |
|                                | GT1662-VNBA           | 69  | 56                           |                   |   |   |    |    |
|                                | GT1562-VNBA           |   |                              |                   |   |   |    |    |
| A960GOT                        | A960GOT-EBA           | 43  | -                            | GT1562-VNBA       | 69  | 56  |    |    |
|                                | A960GOT-EBD           |   |                              | GT1562-VNBD       |   |   |    |    |
|                                | A960GOT-EBA-EU        |   |                              | GT1562-VNBA       |   |   |    |    |
| A956WGOT                       | A956WGOT-TBD          | 65.8<br>(A9GT-50WQBUSS<br>A9GT-50WBUSS)   | -                            | GT1655-VTBD       | 77  | 64  |    |    |
|                                |                       |   |                              | GT1555-VTBD       |   |   |    |    |
| A951GOT                        | A951GOT-(Q)TBD(-M3)   | -   | 59                           | GT1655-VTBD       | 77  | 64  |    |    |
|                                | A951GOT-(Q)SBD(-M3)-B |   |                              | GT1555-QTBD       |   |   |    |    |
|                                | A951GOT-(Q)SBD(-M3)   |   |                              | GT1655-VTBD       |   |   |    |    |
|                                |                       |   |                              | GT1555-QSBD       |   |   |    |    |
|                                | A951GOT-(Q)SBD(-M3)   |   | 51                           | GT1655-VTBD       |   |   |    |    |
|                                | A951GOT-(Q)LBD(-M3)   |   |                              | GT1555-QSBD       |   |   |    |    |
|                                | GT1655-VTBD           |   |                              |                   |   |   |    |    |
|                                |                       |   | GT1550-QLBD                  |                   |   |   |    |    |

**7.2.2 Printer connection**

Table 7-3 Depth dimension (F dimension) when connecting a printer

(Unit: mm)

| GOT-A900 series in present use |                |                                  |                                 | Alternative model |             |
|--------------------------------|----------------|----------------------------------|---------------------------------|-------------------|-------------|
| GOT model                      |                | F dimension                      |                                 | GOT model         | F dimension |
|                                |                | N/A (Built-in printer interface) | Option unit model<br>A9GT-50PRF |                   |             |
| A985GOT                        | A985GOT-TBA-V  | 43                               | -                               | GT1685M-STBA      | 64          |
|                                | A985GOT-TBD-V  |                                  |                                 | GT1585V-STBA      |             |
|                                | A985GOT-TBA    |                                  |                                 | GT1685M-STBD      |             |
|                                | A985GOT-TBD    |                                  |                                 | GT1585V-STBD      |             |
|                                | A985GOT-TBA-EU |                                  |                                 | GT1685M-STBA      |             |
|                                |                |                                  |                                 | GT1585-STBA       |             |
| A975GOT                        | A975GOT-TBA-B  | 40                               | -                               | GT1675M-VTBA      | 64          |
|                                | A975GOT-TBD-B  |                                  |                                 | GT1575-VTBA       |             |
|                                | A975GOT-TBA    |                                  |                                 | GT1675M-VTBD      |             |
|                                | A975GOT-TBD    |                                  |                                 | GT1575-VTBD       |             |
|                                | A975GOT-TBA-EU |                                  |                                 | GT1675M-VTBA      |             |
|                                |                |                                  |                                 | GT1575-VTBA       |             |
| A970GOT                        | A970GOT-TBA-B  | 40                               | -                               | GT1675M-VTBA      | 64          |
|                                | A970GOT-TBD-B  |                                  |                                 | GT1575-VTBA       |             |
|                                | A970GOT-TBA    |                                  |                                 | GT1675M-VTBD      |             |
|                                | A970GOT-TBD    |                                  |                                 | GT1575-VTBD       |             |
|                                | A970GOT-TBA-EU |                                  |                                 | GT1675M-VTBA      |             |
|                                | A970GOT-SBA    |                                  |                                 | GT1575-VTBA       |             |
|                                | A970GOT-SBD    |                                  |                                 | GT1675M-VTBD      |             |
|                                | A970GOT-SBA-EU |                                  |                                 | GT1575-VTBD       |             |
|                                |                |                                  |                                 | GT1675M-VTBA      |             |
| A970GOT                        | A970GOT-LBA    | 40                               | -                               | GT1672-VNBA       | 64          |
|                                |                |                                  |                                 | GT1572-VNBA       |             |
|                                |                |                                  |                                 | GT1662-VNBA       | 69          |
|                                | A970GOT-LBD    |                                  |                                 | GT1562-VNBA       |             |
|                                |                |                                  |                                 | GT1672-VNBD       | 64          |
|                                |                |                                  |                                 | GT1572-VNBD       |             |
|                                | GT1662-VNBD    | 69                               |                                 |                   |             |
|                                | GT1562-VNBD    |                                  |                                 |                   |             |

[Issue No.] GOT-A-0009-N

| GOT-A900 series in present use |   |                                  |   | Alternative model |                                |
|--------------------------------|---|----------------------------------|---|-------------------|--------------------------------|
| GOT model                      |   | F dimension                      |   | GOT model         | F dimension                    |
|                                |   | N/A (Built-in printer interface) | Option unit model<br>A9GT-50PRF                           |                   |                                |
| A970GOT                        | A970GOT-LBA-EU  | 40                               | -   | GT1672-VNBA       | 64                             |
|                                |   |                                  |   | GT1572-VNBA       |                                |
|                                |   |                                  |   | GT1662-VNBA       | 69                             |
|                                |   |                                  |   | GT1562-VNBA       |                                |
| A960GOT                        | A960GOT-EBA   | 43                               | -   | GT1662-VNBA       | 69                             |
|                                | A960GOT-EBD   |                                  |   | GT1562-VNBA       |                                |
|                                | A960GOT-EBA-EU  |                                  |   | GT1662-VNBD       |                                |
|                                |   |                                  |   | GT1562-VNBD       |                                |
| A956WGOT                       | A956WGOT-TBD  | -                                | 65.8<br>(When installing A9GT-50PRF on the control panel) | GT1655-VTBD       | 77                             |
|                                |   |                                  |   | GT1555-VTBD       |                                |
| A956GOT                        | A956GOT-TBD(-M3)  | -                                | 59<br>(When installing A9GT-50PRF on the control panel)   | GT1655-VTBD       | 77                             |
|                                | A956GOT-SBD(-M3)-B                                      |                                  |   | GT1555-QTBD       |                                |
|                                | A956GOT-SBD(-M3)  |                                  | GT1655-VTBD   |                   |                                |
|                                | A956GOT-LBD(-M3)  |                                  | GT1555-QSBD   |                   |                                |
| A953GOT                        | A953GOT-TBD(-M3)  | -                                | 59<br>(When installing A9GT-50PRF on the control panel)   | GT1655-VTBD       | 77                             |
|                                |   |                                  |   | GT1555-QTBD       |                                |
|                                |   |                                  |   | GT1455-QTBD       | 49 (GT15-PRN is not required.) |
|                                |   |                                  |   | GT1455-QTBDE      |                                |
|                                | A953GOT-SBD(-M3)-B                                      |                                  | GT1655-VTBD   | 77                |                                |
|                                |   |                                  | GT1555-QSBD   |                   |                                |
|                                |   |                                  | GT1455-QTBD   |                   | 49 (GT15-PRN is not required.) |
|                                |   |                                  | GT1455-QTBDE  |                   |                                |
|                                | A953GOT-SBD(-M3)  |                                  | 51<br>(When installing A9GT-50PRF on the control panel)   | GT1655-VTBD       | 77                             |
|                                |   |                                  |   | GT1555-QSBD       |                                |
|                                |   |                                  |   | GT1455-QTBD       | 49 (GT15-PRN is not required.) |
|                                |   |                                  |   | GT1455-QTBDE      |                                |
| A953GOT-LBD(-M3)               | 51<br>(When installing A9GT-50PRF on the control panel) | GT1655-VTBD                      | 77  |                   |                                |
|                                |   | GT1550-QLBD                      |   |                   |                                |
|                                |   | GT1450-QLBD                      | 49 GT15-PRN is not required.)                             |                   |                                |
|                                |   | GT1450-QLBDE                     |   |                   |                                |

[Issue No.] GOT-A-0009-N

| GOT-A900 series in present use |                       |   |   | Alternative model              |                                |
|--------------------------------|-----------------------|---|---|--------------------------------|--------------------------------|
| GOT model                      |                       | F dimension   |   | GOT model                      | F dimension                    |
|                                |                       | N/A (Built-in printer interface)                        | Option unit model<br>A9GT-50PRF                         |                                |                                |
| A951GOT                        | A951GOT-(Q)TBD(-M3)   | -   | 59<br>(When installing A9GT-50PRF on the control panel) | GT1655-VTBD                    | 77                             |
|                                | A951GOT-(Q)SBD(-M3)-B |   |   | GT1555-QTBD                    |                                |
|                                | A951GOT-(Q)SBD(-M3)   |   |   | GT1655-VTBD                    |                                |
|                                | A951GOT-(Q)LBD(-M3)   |   |   | GT1555-QSBD                    |                                |
| A950GOT                        | A950GOT-TBD(-M3)      | -   | 59<br>(When installing A9GT-50PRF on the control panel) | GT1655-VTBD                    | 77                             |
|                                | A950GOT-SBD(-M3)-B    |   |   | GT1555-QTBD                    |                                |
|                                |                       |   |   | GT1455-QTBD                    | 49 (GT15-PRN is not required.) |
|                                |                       |   |   | GT1455-QTBDE                   | 77                             |
|                                |                       |   |   | GT1655-VTBD                    | 49 (GT15-PRN is not required.) |
|                                | GT1555-QSBD           |   |   | 77                             |                                |
|                                | A950GOT-SBD(-M3)      | 51<br>(When installing A9GT-50PRF on the control panel) | GT1455-QTBD   | 49 (GT15-PRN is not required.) |                                |
|                                |                       |   | GT1455-QTBDE  | 77                             |                                |
|                                |                       |   | GT1655-VTBD   | 77                             |                                |
|                                |                       |   | GT1555-QSBD   | 49 (GT15-PRN is not required.) |                                |
|                                |                       |   | GT1450-QLBD   | 77                             |                                |
|                                |                       |   | GT1450-QLBDE  | 49 (GT15-PRN is not required.) |                                |
| A950GOT-LBD(-M3)               |                       |   | GT1655-VTBD   | 77                             |                                |

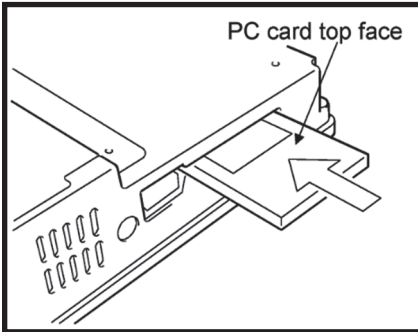


[Issue No.] GOT-A-0009-N

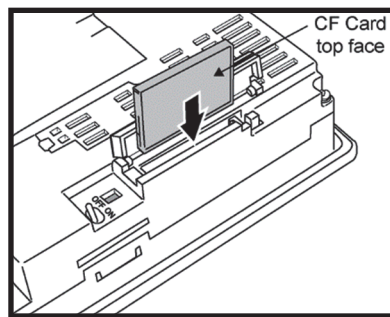
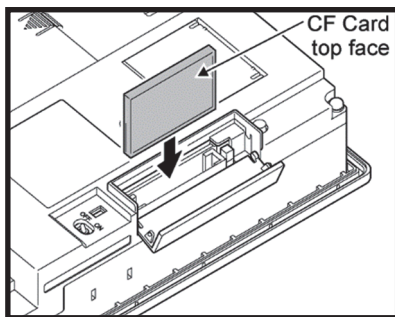
**8. PC (CF, SD) card insertion direction**

The GOT-A900 series requires inserting a PC (CF, SD) card from the side of the GOT, and the GT16/GT15 (8.4" or larger model) or the GT14 requires inserting the PC (CF, SD) card from the GOT rear face. Make sure to have enough depth dimension and others.

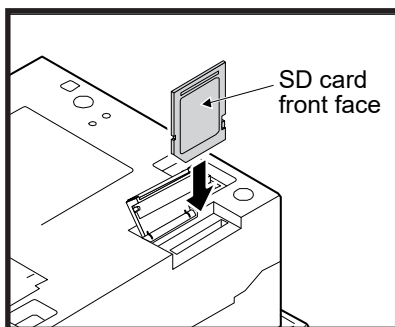
**(1) GOT-A900 series**



**(2) GT16 model (8.4" or larger model), GT15 model (8.4" or larger model) and GT14 model**



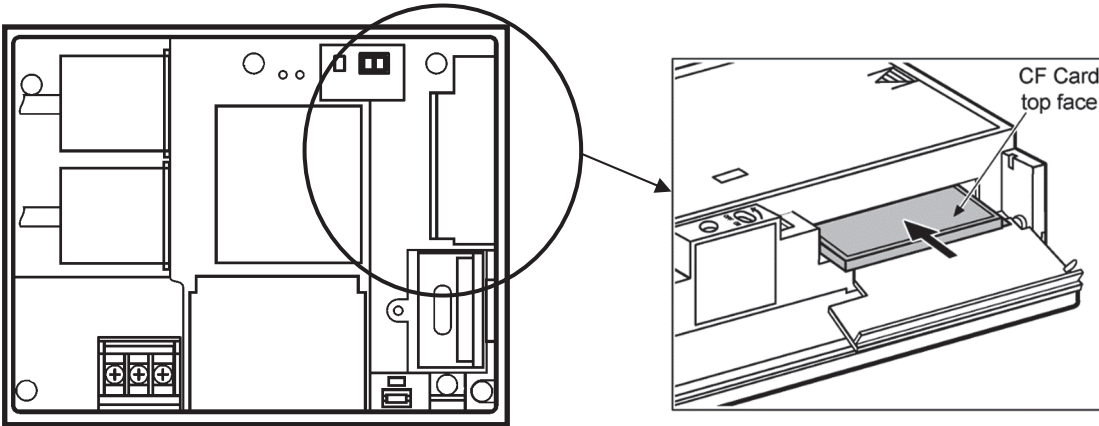
GT14



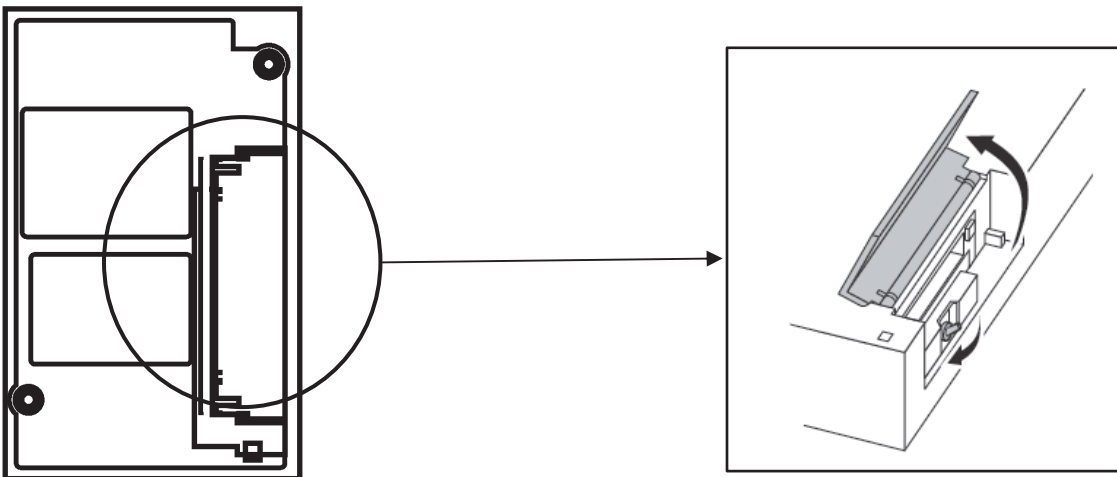
When mounting the GOT, more than 100 mm of mounting depth is required in order to insert/remove the CF/SD card.

[Issue No.] GOT-A-0009-N

- (3) **GT1655, GT155□ and GT115□:** Insert the CF card into the CF card interface from the side of the GOT.



- (4) **GT15-CFCD:** Insert the CF card into the CF card interface from the side of the CF card unit.



**REVISIONS**

| Version | Print Date     | Revision  |
|---------|----------------|---|
| -       | September 2005 | - First edition   |
| A       | January 2006   | - Added description to "2. Selection of GOT."<br>- Revised "Unusable functions after replacement" of "3. Monitor screen data."<br>- Revised "Functions that need new settings of "3. Monitor screen data."<br>- Added "Printers" to "3. Monitor screen data."<br>- Added "Printer connection" to "6. Mounting intervals."   |
| B       | September 2006 | - Added models (revised entirely)   |
| C       | November 2008  | - Added description of GT16.  |
| D       | May 2009       | - Added 10.4" and 8.4" models of GT16.  |
| E       | -              | -   |
| F       | October 2010   | - Corrected description in "2. Selection of GOT".<br>- Added description of the serial printer to "3.1.1 Functions that require new settings".<br>- Added description of the serial printer to "3.1.2 Printers".<br>- Added description to *15 in "4.3 Communication units and options without replaceable models".<br>- Added "4.6 When using the RUN/OUTPUT terminal of the GOT-A900 series power supply".<br>- Revised description of "5.1.2 Replacing GOT when using multiple units of bus connection".<br>- Revised description of "5.2 RS-232 cable" and "5.3 RS-422 cable".<br>- Corrected description of "6. Mounting intervals". |
| G       | February 2011  | - Added description of the GT1655 to "2. Selection of GOT." and "7. PC (CF) card insertion direction".  |
| H       | -              | - Revised description of "4.1 List of replacement models" and "5.2 RS-232 cable".   |
| I       | February 2014  | - Revised description of "2. Selection of GOT", "3. Monitor screen data", "4. Communication units and options", "5. Cables", and "6. Mounting intervals".<br>- Added "3.4 Change of the utility call key setting".  |
| J       | May 2015       | - Added descriptions of GT1450-QMBD(E).<br>- Added "4. Communication".  |
| K       | -              | -   |
| L       | February 2019  | - Revised erroneous descriptions and updated contents   |
| M       | August 2019    | - Revised erroneous descriptions and updated contents   |
| N       | November 2023  | - Revised erroneous descriptions and updated contents   |