

Sales and Service

Notice of Change of the Home Position Return Request ON Operation When Major Errors 1202 or 12020 Occur

Thank you for your continued patronage of the Mitsubishi motion controller and FA products. The home position return request ON operation when major errors 1202 or 12020 occurs has been changed as indicated below for the motion controller operating system software version 00S of SW8DNC-SV13QB/QD/QG/SV22QA/QC/QF and version 00B of SW8DNC-SV13QJ/QL/SV22QJ/QL. We ask for your understanding in this matter.

1. Target Models

	Model	Software	Version
Operating system software	Q173DCPU	SW8DNC-SV13QB	00S or later
	Q173DCPU-S1	SW8DNC-SV22QA	
	Q172DCPU	SW8DNC-SV13QD	
	Q172DCPU-S1	SW8DNC-SV22QC	
	Q170MCPUCPU	SW8DNC-SV13QG SW8DNC-SV22QF	00B or later
	Q173DSCPU	SW8DNC-SV13QJ SW8DNC-SV22QJ	
Q172DSCPU	SW8DNC-SV13QL SW8DNC-SV22QL		

2. Purpose

The process has been changed so that the home position return request is not activated when communication errors between the servo amplifier and the encoder occur due to servo errors 2016 or 2070 and the home position return is not necessary after the errors occur.

3. Details of Change

When major errors 1202 or 12020 (communication errors between the servo amplifier and the encoder due to servo errors 2016 or 2017) occur, the home position return request (M2409+20n) operation is as follows.

Operating system software version	Servo amplifier		Home position return request (M2409+20n) operation when error 1202 or 12020 occurs
	Model	Software version	
SW8DNC-SV13QB/QD/QG SW8DNC-SV22QA/QC/QF Ver.00S or later	MR-J3-□B MR-J3-□BS MR-J3-□B-RJ006	C3 or later	Home position return request is not activated.
	MR-J3-□B-RJ004 MR-J3-□B-RJ080W	C5 or later	
	MR-J3W-□B	B1 or later	
SW8DNC-SV13QJ/QL SW8DNC-SV22QJ/QL Ver.00B or later	MR-J4-□B MR-J4W-□B (SSCNET III connection)	-	
	Combinations other than those mentioned above		Home position return request is activated. (Absolute value data erased)

Also, for the above combinations with which the home position return request is not activated, the following restriction is imposed on MT Developer□ that is not compatible with the display of the past 10 times history in current value history monitor.

- The sessions in which the home position return request is not activated after errors 1202 or 12020 occur are not shown in the current value history.

The above restriction shall not apply to SW1DNC-MTW2-E Ver. 1.06G or later compatible with the display of the past 10 times history.

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