

## Sales and Service

### Addition of New Wires of Encoder Cables for Mitsubishi General-purpose AC Servo

Thank you for your continued patronage of the Mitsubishi general-purpose AC servo and FA products. The new wires of the encoder cables for the MR-J3 series general-purpose AC servo will be added. We ask for your understanding in this matter.

#### 1. Purpose

To ensure that the wires used for the encoder cables for the MR-J3 series general-purpose AC servo can be obtained, the new wires will be added.

#### 2. Target Cables

Encoder cables: MR-J3ENSCBL □ M - □  
 for HF-SP, HC-LP, HC-RP, HC-UP,  
 HA-LP, HF-JP (9kW or less)  
 (Direct connection type)

Wire type (H: Long flex life, L: Standard flex life)  
 Cable length (2: 2 m, 5: 5 m, 10: 10 m, 20: 20 m, 30: 30 m,  
 40: 40 m, 50: 50 m (-H only))

Junction encoder cables: MR-EKCBL □ M - □  
 for HF-KP series, HF-MP series  
 (Amplifier side cable)

Wire type (H: Long flex life)  
 Cable length (20: 20 m, 30: 30 m, 40: 40 m, 50: 50 m)

#### 3. Details of Changes

The new wires will be added as shown below.

##### (1) Manufacturing location of wires

To ensure that the wires used for the encoder cables can be obtained, the wires manufactured in China (same manufacturer) will be added.

Though the new wires will be mainly used, the conventional wires will also be used depending on circumstances.

##### (2) Appearance of new wires

The burnish and others of the new wires are slightly different compared to the conventional wires. However, the difference does not affect the functions or performance.

Examples of the standard flex life wire

(Conventional wire)



(New wire)



The following table shows the specifications of the new wires and others. The specifications and others are the same compared to the conventional wires.

Item	Model	Length [m]	Conventional wire model	New wire model
Encoder cable	MR-J3ENSCBL □ M-L	2 to 10	VSVP 7/0.26 (#22 AWG or equivalent)-3P Ban-gi-shi-16823	VSVP 7/0.26 (#22 AWG or equivalent)-3P KB-1655
		20 to 30	20276 VSVP (#23 AWG)12/0.18-6P Ban-gi-shi-15038	20276 VSVP (#23 AWG)12/0.18-6P KB-0492
	MR-J3ENSCBL □ M-H	2 to 10	ETFE · SVP 70/0.08 (#22 AWG or equivalent)-3P Ban-gi-shi-16824	TPE · SVP 70/0.08 (22 AWG or equivalent)-3P KB-2237
		20 to 50	ETFE · SVP 40/0.08 (#24 AWG or equivalent)-6P Ban-gi-shi-15266	TPE · SVP 40/0.08 (24 AWG or equivalent)-6P KB-1928-2
	MR-EKCBL □ M-H	20	ETFE · SVP 40/0.08 (#24 AWG or equivalent)-6P KB-0308-1	TPE · SVP 40/0.08 (24 AWG or equivalent)-6P KB-1928-2
		30 to 50	ETFE · SVP 40/0.08 (#24 AWG or equivalent)-7P Ban-gi-shi-15267-4	TPE · SVP 40/0.08 (24 AWG or equivalent)-7P KB-1929-2

#### 4. Schedule

These changes will be made sequentially from the July 2011 production. Because of inventories, conventional and new wires may exist in the distribution stage.

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