

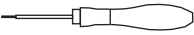
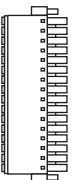
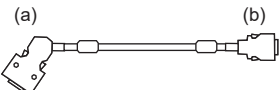
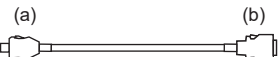
Mitsubishi Electric AC Servo System



MR-J5D User's Manual (Hardware)

-MR-J5D_- _G_
-MR-J5D_- _G_- _N1

List of cables/connector sets

No.	Product name	Model	Description	Remark
(1)	Drive unit power connector	—	 CNP3_ connector BVF 7.62HP/04/180MF4 SN BK BX LRP (Weidmüller) Applicable wire size: 0.5 mm² to 10 mm² (AWG 24 to 8)	Supplied with the drive unit
			 Open tool: SDS 0.8X4.5X125 (Weidmüller)	Not included with the drive unit. Purchase it separately.
(2)	USB cable	MR-J3USBCBL3M cable length: 3 m	 (a) CN5 connector: mini-B connector (5 pins) (b) Personal computer connector: Connector A	For connection with a personal computer
(3)	STO cable	MR-D05UDL3M-B	 (a) Connector set: 2069250-1 (TE Connectivity)	Connection cable for the CN8 connector
(4)	Short-circuit connector	—		Supplied with the drive unit
(5)	I/O and monitor connector	MR-ADCN3	 CN3 connector DFMC1,5/16-STF-3,5 (Phoenix Contact)	With pin number printing
(6)	Protection coordination cable	MR-ACDL02M Cable length: 0.2 m		For connection of the MR-CV11K4 to MR-CV45K4 and drive unit
		MR-ACDL05M Cable length: 0.5 m	(a) Plug: 10120-3000PE Shell kit: 10320-56F0-008 (3M or equivalent) (b) Plug: HDR-E26MG1+ Shell kit: HDR-E26LPJP+ (Honda Tsushin Kogyo)	For connection of the MR-CV55K4/MR-CV75K4 and drive unit
(7)	Protection coordination cable	MR-ADDL02M Cable length: 0.2 m	 (a) Connector: IX30G-A-10S-CV(7.0) (Hirose Electric) (b) Plug: HDR-E26MG1+ Shell kit: HDR-E26LPJP+ (Honda Tsushin Kogyo)	For connection between drive units

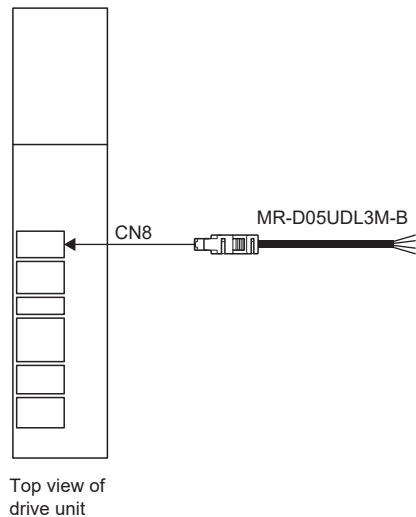
MR-D05UDL3M-B STO cable

This cable is for connecting an external device to the CN8 connector.

Cable model	Cable length	Cable OD ^{*1}	Application
MR-D05UDL3M-B	3 m	5.7 mm	Connection cable for the CN8 connector

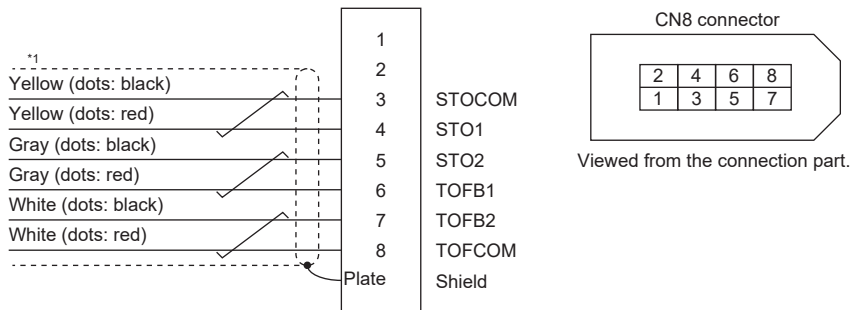
^{*1} Standard OD. The maximum OD is about 10 % greater for dimensions without tolerances.

System architecture



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Internal wiring diagram



^{*1} Do not use the two core wires with orange insulators (with red or black dots).