

Extension Cable. XC-C8-...-MBZ



- Extension cable for absolute linear or angular encoders with Mitsubishi full digital protocol interface.
- Extension cable XC-C8-MBZ connects through full duplex protocol version:
 - encoder cable EC-...C9-F
 - angular encoder H2AM...D87...C9D-F to MAZAK control system.
- Twisted pairs for differential signals.
- Available in 5, 10, 15, 20 & 25 meter lengths.
- Low power attenuation and supply voltage sense link.

Pin Out

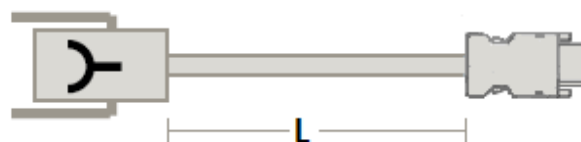
Pin Input	Colour	Signal	Pin Output
1	Blue	+5 V sense	1
4	White	0 V sense	2
7	Brown-Green	+5 V	1
8	Violet	SD (MD)	7
9	Yellow	/SD (MD)	8
10	Red	0 V	2
12	Black	0 V	2
14	Grey	RQ (MR)	3
17	Pink	/RQ (MR)	4
Housing	Shield	Ground	Housing

Pin Layout



Front view

Cable Diagram



L = 5, 10, 15, 20, 25 meters

Pin Layout



Front view

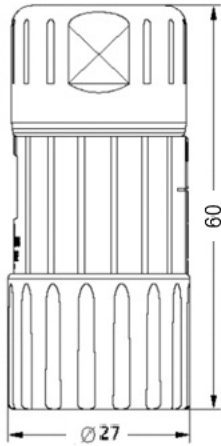
Feedback Product Data Sheet

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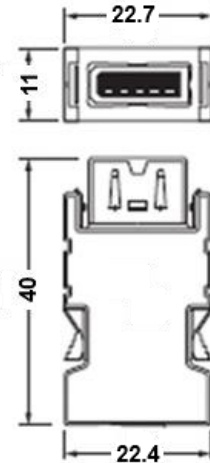
Lead-in Connector



Cable Specification

Construction	4 x 2 x 0.14 mm ² + 4 x 0.5 mm ²
Material	Polyurethane
Ø	8 mm
Bend radius dynamic	≥ 80 mm
Bend radius static	≥ 50 mm
Shield	Single
Lead-in connector (encoder side)	M23 17 pin female, external female, contact arrangement direction P
Terminating connector	MITSUBISHI 10 way

Terminating Connector



Order Information

XC-C8-(x)-MBZ Where (x) = 5, 10, 15, 20 or 25 meters.

Example

Order Code	Description
XC-C8-10-MBZ	Extension cable of 10 meters, specifications as above, lead-in connector M23 17 pin female, external female, contact arrangement direction P. Terminating connector MITSUBISHI 10 way.