

Extension Cable. XC-C8-...G-FN



- Extension cable for absolute linear or angular encoders with Fanuc digital protocol interface (α or αi).
- Extension cable XC-C8-G-FN connects:
 - encoder cables EC-...C9.
 - angular encoder H2AF...D87...C9D.
 - absolute exposed L2AF...C9D.
 to Fanuc systems.
- Twisted pairs for differential signals.
- Available in 5, 10, 15, 20, 25 & 35 meter lengths.
- Dual shield for increased noise protection.
- Low power attenuation and supply voltage sense link.

Pin Out

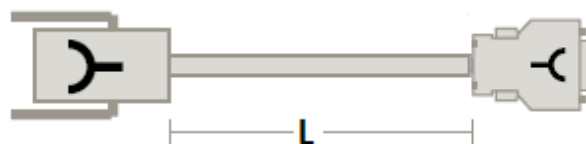
Pin Input	Colour	Signal	Pin Output
1	Blue	+5 V sense	18 & 20 (link to pin 18)
4	Red	0 V sense	14
7	Brown	+5 V	9
8	Green	REQ	5
9	Yellow	/REQ	6
10	White	0 V	12
14	Grey	DATA	1
17	Pink	/DATA	2
11	Internal Shield	Ground	16
Housing	External Shield	Ground	Housing

Pin Layout



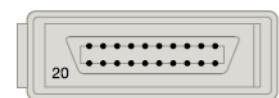
Front view

Cable Diagram



L = 5, 10, 15, 20, 25, 35 meters

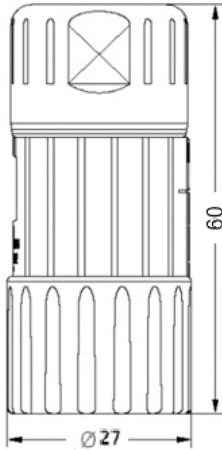
Pin Layout



Front view

Feedback Product Data Sheet

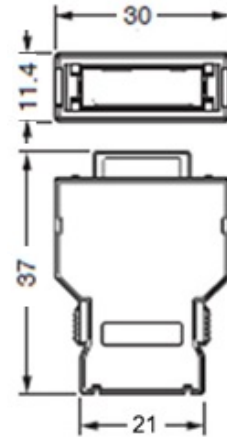
Lead-in Connector



Cable Specification

Construction	3 x 2 x 0.14 mm ² + 2 x 1 mm ²
Material	Polyurethane
Ø	8 mm
Bend radius dynamic	≥ 80 mm
Bend radius static	≥ 50 mm
Shield	Dual
Lead-in connector (encoder side)	M23 17-pin female, external female, contact arrangement direction P
Terminating connector	FANUC 15 way female

Terminating Connector



Order Information

XC-C8-(x)G-FN Where (x) = 5, 10, 15, 20, 25 or 35 meters.

Example

Order Code	Description
XC-C8-10G-FN	Extension cable of 10 meters, specifications as above, lead-in connector M23 17-pin female, external female, contact arrangement direction P. Terminating connector FANUC 15 way female.