FAGOR AUTOMATION

Open to your world

Extension Cable. XC-C8-…-FN

- Extension cable for absolute linear or angular encoders with Fanuc digital protocol interface (α or αi).
- Extension cable XC-C8-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, 7, 10, 13, 15, 20, 25, 30, 35 & 40 meter lengths.
- 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	White	0 V sense	14
7	Brown-Green	+5 V	9
8	Purple	REQ	5
9	Yellow	/REQ	6
10	White-Green	0 V	12
14	Grey	DATA	1
17	Pink	/DATA	2
Housing	Shield	Ground	16

Pin Layout

Front view

Cable Diagram
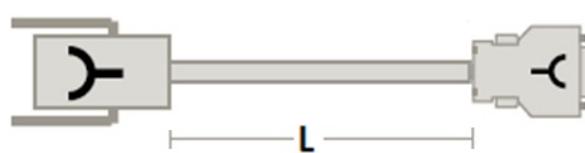
L = 5, 7, 10, 13, 15, 20, 25, 30, 35, 40 meters

Pin Layout
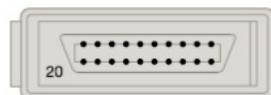
Front view

Feedback Product Data Sheet

Lead-in Connector
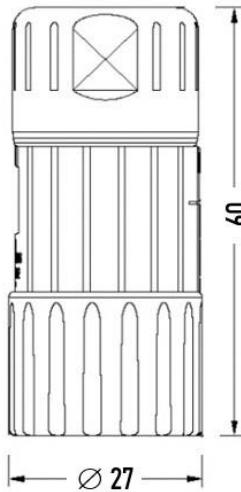
Cable Specification

Construction	$4 \times 2 \times 0.14 \ mm^2$ $+ \ 4 \times 0.5 \ mm^2$
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	FANUC 15 way female

Terminating Connector
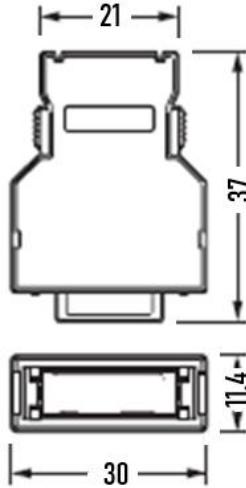
Order Information

XC-C8-(x)-FN	Where (x) = 5, 7, 10, 13, 15, 20, 25, 30, 35 or 40 meters.

Example

Order Code	Description
XC-C8-10-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.