

Extension Cable. XC-C4-...-FN2



- Extension cable for incremental linear or angular encoders with 1 Vpp signal output.
- Extension cable XC-C4-FN2 connects:
 - encoder cable EC-...C5.
 - rotary encoders S...C, H...C, S...C5, H...C5.
 - incremental exposed L2...C5.
 to Fanuc systems. Speed loop control.
- 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	Pink	3	8
2	Blue	+5 V & +5 V sense	18 & 20 (link to pin 18)
3	Red	Io	1
4	Black	/Io	2
5	Brown	A	5
6	Green	/A	6
8	Grey	B	7
10	White-Green	0 V	12
11	White	0 V sense	14
12	Brown-Green	+5 V	9
Housing	Shield	Ground	16

Pin Layout



Front view

Cable Diagram



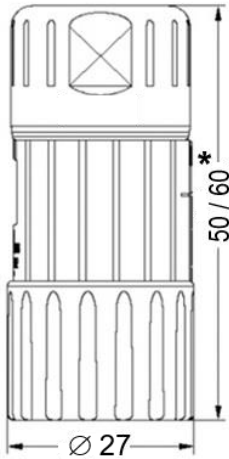
L = 5, 10, 15, 20, 25 meters

Pin Layout



Front view

Lead-in Connector

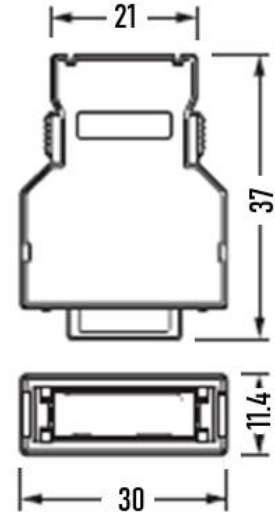


* total length depends on supplier's

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 12-pin female, external female, contact arrangement direction E
Terminating connector	FANUC 15 way female

Terminating Connector



Order Information

XC-C4-(x)-FN2 Where (x) = 5, 10, 15, 20 or 25 meters.

Example

Order Code	Description
XC-C4-10-FN2	Extension cable of 10 meters, specifications as above, lead-in connector M23 12-pin female, external female, contact arrangement direction E. Terminating connector FANUC 15 way female.