

# Feedback Product Data Sheet



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## Extension Cable. XC-C2-...-FT

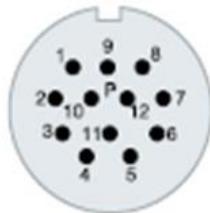


- Extension cable for incremental linear or angular encoders with 3 Vpp or TTL signal output.
- Extension cable XC-C2-FT connects:
  - encoder cable EC-...C1 to legacy Fagor DRO CNC models (8055 with 3 Vpp / 8050 / 8030 or older).
- Twisted pairs for differential signals.
- Available in 5, 10, 15, 20 & 25 meter lengths.
- Low power attenuation and supply voltage sense link.

### Pin Out

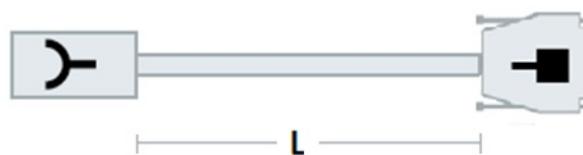
Pin Input	Colour	Signal	Pin Output
1	Pink	/B	4
2	Blue	+5 V sense	10
3	Red	Io	5
4	Black	/Io	6
5	Brown	A	1
6	Green	/A	2
7	Violet	/AI (L1)	8
8	Grey	B	3
10	White-Green	0 V	11
11	White	0 V sense	12
12	Brown-Green	+5 V	9
Housing	Shield	Ground	Housing

### Pin Layout



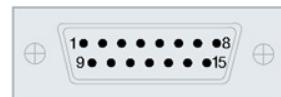
Front view

### Cable Diagram



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

### Pin Layout



Front view

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## Lead-in Connector



## Cable Specification

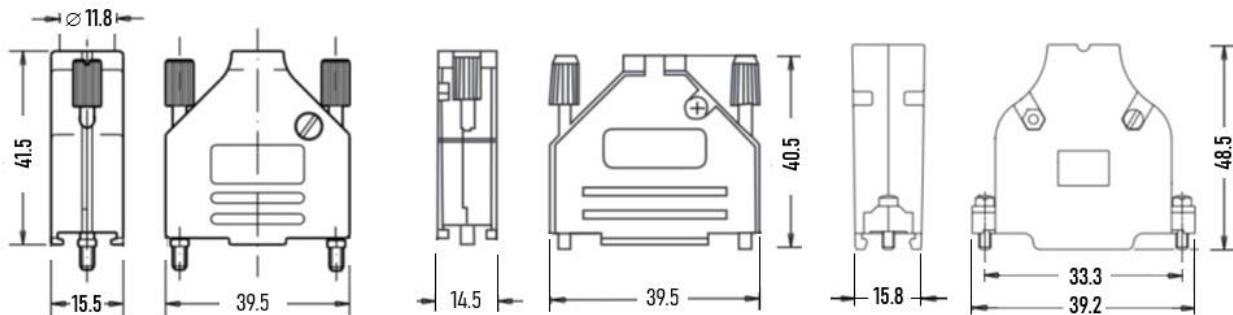
<b>Construction</b>	4 x 2 x 0.14 mm <sup>2</sup> + 4 x 0.5 mm <sup>2</sup>
<b>Material</b>	Polyurethane
<b>Ø</b>	8 mm
<b>Bend radius dynamic</b>	≥ 80 mm
<b>Bend radius static</b>	≥ 50 mm
<b>Shield</b>	Single
<b>Lead-in connector (encoder side)</b>	M23 12-pin female, external male, contact arrangement direction P
<b>Terminating connector</b>	D-Sub 15 pole male

## Terminating Connector

Housing dimensions slightly differ for manufacturers

see drawing  
in the row below

## Terminating Connector



## Order Information

XC-C2-(x)-FT Where (x) = 5, 10, 15, 20 or 25 meters.

## Example

Order Code	Description
XC-C2-10-FT	Extension cable of 10 meters, specifications as above, lead-in connector M23 12-pin female, external male, contact arrangement direction P. Terminating connector D-Sub 15 pole male.