

# Feedback Product Data Sheet



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## Extension Cable. XC-C8-...F-DA

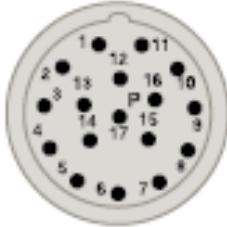


- Extension cable for absolute linear or angular encoders with digital FeeDat protocol or SSI protocol plus 1 Vpp analog signals output.
- Extension cable XC-C8-F-DA connects:
  - encoder cable EC-...B-C9.
  - angular encoder H2A...D87...C9...
  - absolute exposed L2A...C9D.to Fagor QuerCus systems.
- Dual shield for analog signals.
- Twisted pairs for differential signals.
- Available in 5, 10, 15, 20, 25, 30, 35, 40 & 50 meter lengths.
- Low power attenuation and supply voltage sense link.

### Pin Out

Pin Input	Colour	Signal	Pin Output
1	Blue	+5 V sense	10
4	White	0 V sense	12
7	Brown-Green	+5 V	9
8	Purple	CLOCK	7
9	Yellow	/CLOCK	8
10	White-Green	0 V	11
12	Blue-Black	B	3
13	Red-Black	/B	4
14	Grey	DATA	5
15	Green-Black	A	1
16	Yellow-Black	/A	2
17	Pink	/DATA	6
Housing	Shields	Ground	Housing

### Pin Layout



Front view

### Cable Diagram



L = 5, 10, 15, 20, 25, 30, 35, 40, 50 meters

### Pin Layout



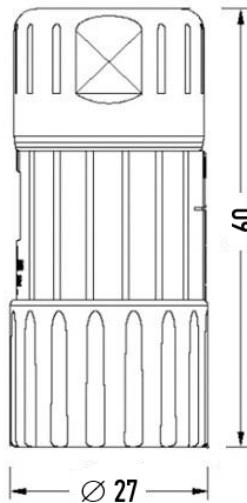
Front view

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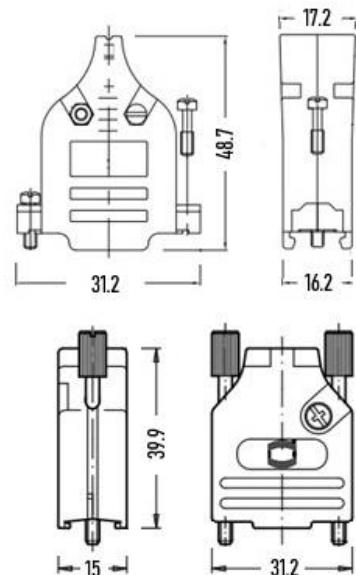
## Lead-in Connector



## Cable Specification

<b>Construction</b>	4 x 2 x 0.14 mm <sup>2</sup> + 4 x 0.5 mm <sup>2</sup> + 4 x 0.14 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 plus dual for 4 wires
<b>Lead-in connector (encoder side)</b>	M23 17-pin female, external female, contact arrangement direction P
<b>Terminating connector</b>	D-Sub HD 15 pole male

## Terminating Connector



Housing dimensions slightly differ  
for manufacturers

## Order Information

XC-C8-(x)F-DA      Where (x) = 5, 10, 15, 20, 25, 30, 35, 40 or 50 meters.

## Example

Order Code	Description
XC-C8-10F-DA	Extension cable of 10 meters, specifications as above, lead-in connector M23 17-pin female, external female, contact arrangement direction P. Terminating connector D-Sub HD 15 pole male.