

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



- Extension cable for absolute linear or angular encoders with digital protocol interface including models (SSI or BiSS) with also 1 Vpp analog signals.
- Extension cable XC-C8-F-O for:
  - encoder cable EC-...C9.
  - angular encoder H2A...D87...C9.
  - absolute exposed L2A...C9.
- Dual shield of the analog signals (for SSI and BiSS models with also 1 Vpp analog signals).
- 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	Blue	+5 V sense	
4	White	0 V sense	
7	Brown-Green	+5 V	
8	Purple	CLOCK	
9	Yellow	/CLOCK	
10	White-Green	0 V	
12	Blue-Black	B	
13	Red-Black	/B	
14	Grey	DATA	
15	Green-Black	A	
16	Yellow-Black	/A	
17	Pink	/DATA	
11	Internal Shield	Ground	
Housing	External Shield	Ground	

### Pin Layout



Front view

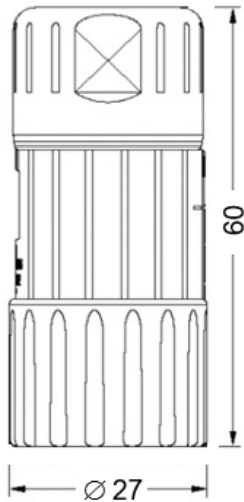
### Cable Diagram



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

### Pin Layout

## 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>	No

## Terminating Connector

## Order Information

XC-C8-(x)F-O      Where (x) = 5, 10, 15, 20 or 25 meters.

## Example

Order Code	Description
XC-C8-10F-O	Extension cable of 10 meters, specifications as above, lead-in connector M23 17-pin female, external female, contact arrangement direction P. Without terminating connector.