

Extension Cable. XC-C8-...F-C9



- Extension cable for absolute linear or angular encoders whether fully digital or with digital protocol plus 1 Vpp analog signals.
- Intermediate extension cable XC-C8-F-C9 for:
 - encoder cable EC-...C9.
 - angular encoder H2A ... D87 ... C9.
 - absolute exposed L2A ... C9.
 and final extension cable XC-C8-...
- Extension cable for linear or angular encoders with SSI protocol plus 1 Vpp signal output connecting to Siemens SME25 module.
- Dual shield of the analog signals (for SSI and BiSS models with 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	1
4	White	0 V sense	4
7	Brown-Green	+5 V	7
8	Purple	CLOCK	8
9	Yellow	/CLOCK	9
10	White-Green	0 V	10
12	Blue-Black	B	12
13	Red-Black	/B	13
14	Grey	DATA	14
15	Green-Black	A	15
16	Yellow-Black	/A	16
17	Pink	/DATA	17
11	Internal Shield	Ground	11
Housing	External Shield	Ground	Housing

Pin Layout



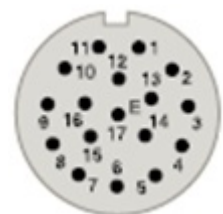
Front view

Cable Diagram



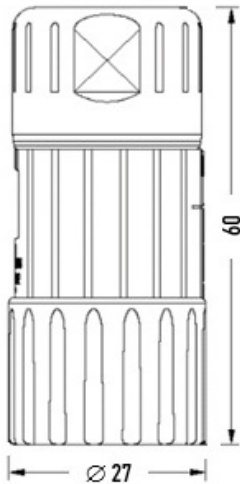
L = 5, 10, 15, 20, 25 meters

Pin Layout



Front view

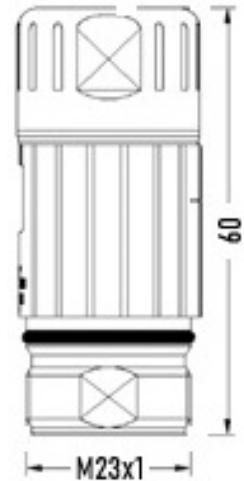
Lead-in Connector



Cable Specification

Construction	4 x 2 x 0.14 mm ² + 4 x 0.5 mm ² + 4 x 0.14 mm ²
Material	Polyurethane
Ø	8 mm
Bend radius dynamic	≥ 80 mm
Bend radius static	≥ 50 mm
Shield	Single plus dual for 4 wires
Lead-in connector (encoder side)	M23 17-pin female, external female, contact arrangement direction P
Terminating connector	M23 17-pin male, external male, contact arrangement direction E

Terminating Connector



Order Information

XC-C8-(x)F-C9 Where (x) = 5, 10, 15, 20 or 25 meters.

Example

Order Code	Description
XC-C8-10F-C9	Extension cable of 10 meters, specifications as above, lead-in connector M23 17-pin female, external female, contact arrangement direction P. Terminating connector M23 17-pin male, external male, contact arrangement direction E.