

Encoder Cable. EC-...UA-C9



- Encoder cable for absolute linear or angular encoders with digital protocol interface.
- Encoder cable EC-...UA-C9 for XC-C8-... extension cables.
- Hi-flex cable for very demanding dynamic applications or small bending radius.
- Twisted pairs for differential signals.
- Dual shield.
- Available in 1 & 3 meters.
- Only available without armour.
- Supply voltage sense link.

Pin Out

Pin Input	Colour	Signal	Pin Output
	Green	DATA	14
	Yellow	/DATA	17
	Blue	REQ	8
	Red	/REQ	9
	Brown	+5 V	7
	Red-Blue (or Orange)	+5 V sense	1
	White	0 V	10
	Grey-Pink (or Grey-Red)	0 V sense	4
	Shield	Ground	Housing

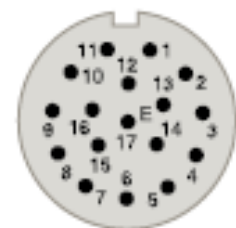
Pin Layout

Cable Diagram

Pin Layout



L = 1, 3 meters unarmoured



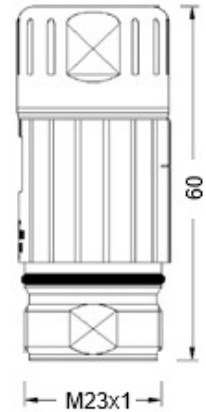
Front view

Lead-in Connector

Cable Specification

Construction	6 x 2 x 0.09 mm ²
Material	Polyurethane
Ø without armour	4 mm
Bend radius dynamic	≥ 32 mm
Bend radius static	≥ 16 mm
Shield	Single
Terminating connector	M23 17 pin male, external male, contact arrangement direction E.

Terminating Connector



Order Information

EC-(x)UA-C9-N Where (x) = 1 or 3 meters.

Example

Order Code	Description
EC-1UA-C9-N	Encoder cable of 1 meter, cable type "U" specifications as above and terminating connector M23 12 pin male, external male, contact arrangement E. Without armour.