

## Encoder Cable. EC-...U-C1-N



- Encoder cable for incremental linear or angular encoders with 1 Vpp or TTL differential signal output.
- Encoder cable EC-...U-C1 for XC-C2-... 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
	Red	/B	1
	Red-Blue (or Orange)	+5 V sense	2
	Grey	lo	3
	Pink	/lo	4
	Green	A	5
	Yellow	/A	6
	Violet	/A	7
	Blue	B	8
	White	0 V	10
	Grey-Pink (or Grey-Red)	0 V sense	11 (link to pin 10)
	Brown	+5 V	12 (link to pin 2)
	Shield	Ground	Housing

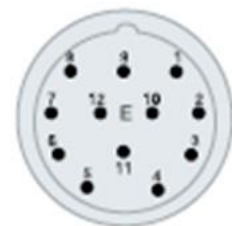
### Pin Layout

### Cable Diagram

### Pin Layout



L = 1, 3 meters



Front view

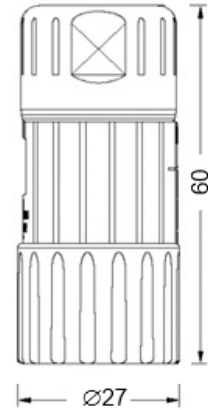
# Feedback Product Data Sheet

## Lead-in Connector

## Cable Specification

<b>Construction</b>	6 x 2 x 0.09 mm <sup>2</sup>
<b>Material</b>	Polyurethane
<b>Ø without armour</b>	4 mm
<b>Bend radius dynamic</b>	≥ 32 mm
<b>Bend radius static</b>	≥ 16 mm
<b>Shield</b>	Single
<b>Terminating connector</b>	M23 12 pin male, external female, contact arrangement direction E.

## Terminating Connector



## Order Information

EC-(x)U-C1-N      Where (x) = 1 or 3 meters.

## Example

Order Code	Description
EC-1U-C1-N	Encoder cable of 1 meter, cable type "U" specifications as above and terminating connector M23 12 pin male, external female, contact arrangement E. Without armour.