

Feedback Product Data Sheet



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Encoder Cable. EC-...U-O-N



- Encoder cable for incremental linear or angular encoders with 1 Vpp or TTL differential signal output.
- Encoder cable EC-...U-O-N without terminating connector for easier routing of the cable, connecting to third party extension cables or drives.
- 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	
	Red-Blue (or Orange)	+5 V sense	
	Grey	/Io	
	Pink	/Io	
	Green	A	
	Yellow	/A	
	Violet	/AI	
	Blue	B	
	White	0 V	
	Grey-Pink (or Grey-Red)	0 V sense	
	Brown	+5 V	
	Shield	Ground	

Pin Layout

Cable Diagram

Pin Layout



L = 1, 3 meters

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Lead-in Connector

Cable Specification

Terminating Connector

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	No

Order Information

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

Example

Order Code	Description
EC-1U-O-N	Encoder cable of 1 meter, cable type "U" specifications as above. Without terminating connector and without armour.