

Encoder Cable. EC-...UA-O-N



- Encoder cable for absolute linear or angular encoders with fully digital protocol interface (no analog signals).
- Encoder cable EC-...UA-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.
- Available in 1 & 3 meters.
- Only available without armour.
- Supply voltage sense link.

Pin Out

Pin Input	Colour	Signal	Pin Output
	Green	DATA	
	Yellow	/DATA	
	Blue	REQ	
	Red	/REQ	
	Brown	+5 V	
	Red-Blue (or Orange)	+5 V sense	
	White	0 V	
	Grey-Pink (or Grey-Red)	0 V sense	
	Shield	Ground	

Pin Layout

Cable Diagram

Pin Layout



L = 1, 3 meters

Feedback Product Data Sheet

FAGOR
AUTOMATION



Open
to your
world

Lead-in Connector

Cable Specification

Construction 6 x 2 x 0.09 mm²

Material Polyurethane

**Ø without
armour** 4 mm

**Bend radius
dynamic** ≥ 32 mm

**Bend radius
static** ≥ 16 mm

Shield Single

**Terminating
connector** No

Terminating Connector

Order Information

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

Example

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