

Encoder Cable. EC-...U-D4P-N



- Hi-flex cable for light applications.
- For use with 1 Vpp and TTL differential incremental encoders.
- Twisted pairs for differential signals.
- Dual shield for noise protection.
- Available in 075, 220, 250, 270 cm & 3 m lengths.
- Cable diameter, \varnothing 4 mm.
- Supply voltage sense link.
- Test purpose for Fagor incremental linear or angular encoders for Parlec (USA) presetters.

Pin Out

Pin Input	Colour	Signal	Pin Output
	Brown	+5 V	1 (linked to 9)
	Red-Blue (or Orange)	+5 V sense	9
	White	0 V	2
	Grey-Pink (or Grey-Red)	0 V sense	11 & 13 (linked to 2)
	Green	A	3
	Yellow	/A	4
	Blue	B	6
	Red	/B	7
	Grey	Io	10
	Pink	/Io	12
	Black	AI	-
	Violet	/AI - L1	8
	External Shield	Shield	Housing

Pin Layout

Cable Diagram

Pin Layout



L = 075, 220, 250, 270 centimeters
L = 3 meters



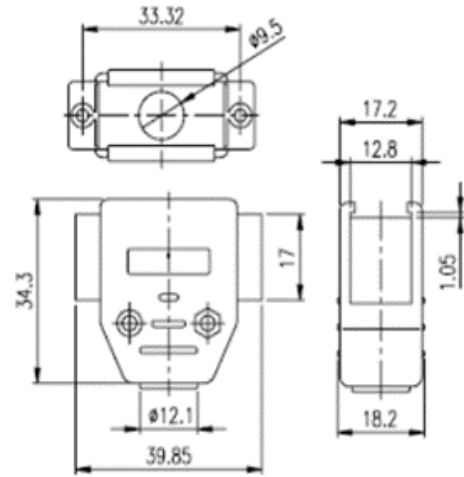
Front view

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	D-Sub 15 pole female

Terminating Connector



Order Information

EC-(x)U-D4P-N Where (x) = 075, 220, 250 or 270 centimeters and 3 meters, where (-N) indicates 'no armoured'.

Example

Order Code	Description
EC-3U-D4P-N	3 meter EC-...U-D4P-N cable, without armour.