

Encoder Cable. EC-...P-FT



- Encoder cable for incremental linear or angular encoders with 3 Vpp or TTL signal output.
- Direct connection to legacy Fagor CNC models (8055 with 3 Vpp / 8050 / 8030 or older).
- Twisted pairs for differential signals.
- Available in 1, 3, 6, 9 & 12 meter lengths.
- Available with or without armour.

Pin Out

Pin Input	Colour	Signal	Pin Output
	Green	A	1
	Yellow	/A	2
	Blue	B	3
	Red	/B	4
	Grey	Io	5
	Pink	/Io	6
	Brown	+5 V	9
	White	0 V	11
	Shield	Ground	15
	Shield	Ground	Housing

Pin Layout

Cable Diagram

Pin Layout



Front view

L = 1, 3, 6, 9, 12 meters

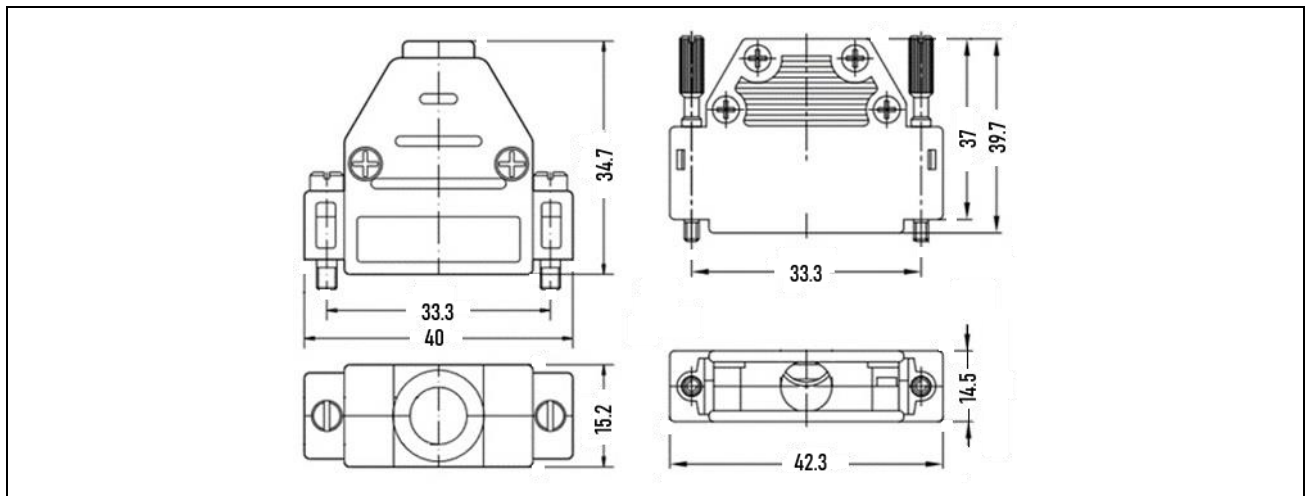
Lead-in Connector

Cable Specification

Terminating Connector

Construction	4 x 2 x 0.14 mm ²
Material	Polyurethane
Ø without armour	6 mm
Bend radius dynamic	≥ 60 mm
Bend radius static	≥ 24 mm
Ø with armour	10 mm
Bend radius dynamic	≥ 60 mm
Bend radius static	≥ 35 mm
Shield	Single
Terminating connector	D-Sub 15 pole male

Housing dimensions slightly differ for manufacturers



Order Information

EC-(x)P-FT Where (x) = 1, 3, 6, 9 or 12 meters, indicate "-N" for no armour.

Example

Order Code	Description
EC-3P-FT	Encoder cable of 3 meters, cable type "P" specifications as above and terminating connector D-Sub 15 pole male, with armour.
EC-6P-FT-N	Encoder cable of 6 meters, cable type "P" specifications as above and terminating connector D-Sub 15 pole male, without armour