

Encoder Cable. EC-...PA-PN



- Encoder cable for absolute linear or angular encoders with Panasonic or Yaskawa digital protocol interfaces.
- Direct connection to Panasonic MINAS A5 systems or Yaskawa Sigma 5 or 7 systems.
- Twisted pairs for differential signals.
- Available in 1, 3, 6 & 9 meter lengths.
- Available with or without armour.
- Supply voltage sense link.

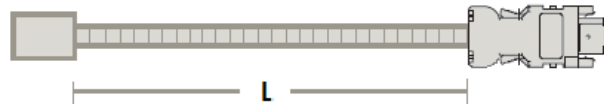
Pin Out

Pin Input	Colour	Signal	Pin Output
	Green	DATA	5
	Yellow	/DATA	6
	Brown + Grey	+5 V	1
	White + Pink	0 V	2
	Shield	Ground	Housing

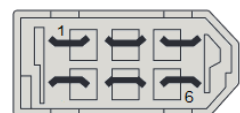
Pin Layout

Cable Diagram

Pin Layout



L = 1, 3, 6, 9 meters



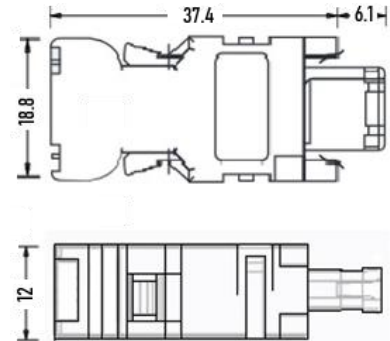
Front view

Lead-in Connector

Cable Specification

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	PANASONIC 6 way

Terminating Connector



Order Information

EC-(x)PA-PN Where (x) = 1, 3, 6 or 9 meters. Indicate "-N" for no armour.

Example

Order Code	Description
EC-3PA-PN	Encoder cable of 3 meters, cable type "P" specifications as above and terminating connector PANASONIC 6 way with armour.
EC-1PA-PN-N	Encoder cable of 1 meter, cable type "P" specifications as above and terminating connector PANASONIC 6 way without armour.