

Extension Cable. XC-C2-...-O

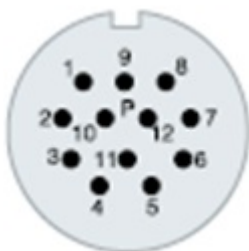


- Extension cable for incremental linear or angular encoders with 1 Vpp or TTL differential signal output.
- Extension cable XC-C2-O connects:
 - encoder cable EC-...C1.
 - incremental exposed L2...C1.
 - autoguided incremental encoder PB...C1.
- Twisted pairs for differential signals.
- Available in 3, 5, 10, 15, 20, 25 & 30 meter lengths.
- Low power attenuation and supply voltage sense link.

Pin Out

Pin Input	Colour	Signal	Pin Output
1	Pink	/B	
2	Blue	+5 V sense	
3	Red	lo	
4	Black	/lo	
5	Brown	A	
6	Green	/A	
7	Violet	/AI	
8	Grey	B	
10	White-Green	0 V	
11	White	0 V sense	
12	Brown-Green	+5 V	
Housing	Shield	Ground	

Pin Layout



Front view

Cable Diagram



L = 3, 5, 10, 15, 20, 25, 30 meters

Pin Layout



Lead-in Connector



Cable Specification

Construction	4 x 2 x 0.14 mm ² + 4 x 0.5 mm ²
Material	Polyurethane
Ø	8 mm
Bend radius dynamic	≥ 80 mm
Bend radius static	≥ 50 mm
Shield	Single
Lead-in connector (encoder side)	M23 12-pin female, external male, contact arrangement direction P
Terminating connector	No

Terminating Connector

Order Information

XC-C2-(x)-O Where (x) = 3, 5, 10, 15, 20, 25 or 30 meters.

Example

Order Code	Description
XC-C2-10-O	Extension cable of 10 meters, specifications as above, lead-in connector M23 12-pin female, external male, contact arrangement direction P. Without terminating connector.