

Extension Cable. XC-C2-...-D

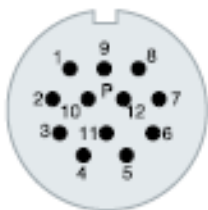


- Extension cable for incremental linear or angular encoders with 1 Vpp or TTL differential signal output.
- Extension cable XC-C2-D connects:
 - encoder cable EC-...C1.
 - incremental exposed L2...C1.
 - autoguided incremental encoder PB...C1 to Fagor DRO (NV or Innova), CNC (8055/8035 or higher) or ServoDrives (AXD, ACSD).
- Twisted pairs for differential signals.
- Available in 5, 10, 15, 20, 25, 30, 35 & 40 meter lengths.
- Low power attenuation and supply voltage sense link.

Pin Out

Pin Input	Colour	Signal	Pin Output
1	Pink	/B	4
2	Blue	+5 V sense	9
3	Red	Io	5
4	Black	/Io	6
5	Brown	A	1
6	Green	/A	2
7	Violet	/AI (L1)	8
8	Grey	B	3
9	Yellow	(L2)	7
10	White-Green	0 V	11
11	White	0 V sense	11
12	Brown-Green	+5 V	9
Housing	Shield	Ground	Housing

Pin Layout



Front view

Cable Diagram



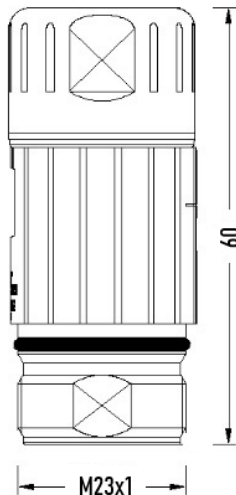
L = 5, 10, 15, 20, 25, 30, 35, 40 meters

Pin Layout



Front view

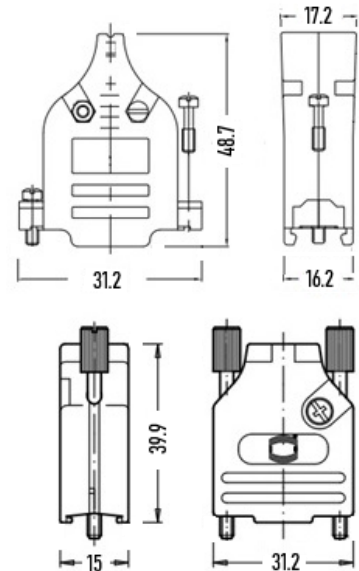
Lead-in Connector



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	D-Sub HD 15 pole male

Terminating Connector



Housing dimensions slightly differ
for manufacturers

Order Information

XC-C2-(x)-D Where (x) = 5, 10, 15, 20, 25, 30, 35 or 40 meters.

Example

Order Code	Description
XC-C2-10-D	Extension cable of 10 meters, specifications as above, lead-in connector M23 12-pin female, external male, contact arrangement direction P. Terminating connector D-Sub HD 15 pole male.