

Extension Cable. XC-C2-...-H

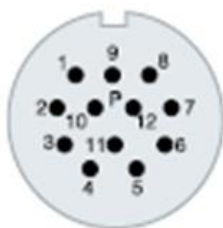


- Extension cable for incremental linear or angular encoders with 1 Vpp signal output.
- Extension cable XC-C2-H connects:
 - encoder cable EC-...C1
 - incremental exposed L2P...C1
 to Heidenhain, Selca or Siemens Powerline systems.
- Twisted pairs for differential signals.
- Available in 5, 7, 10, 15, 20, 25, 30, 40 & 50 meter lengths.
- Low power attenuation and supply voltage sense link.

Pin Out

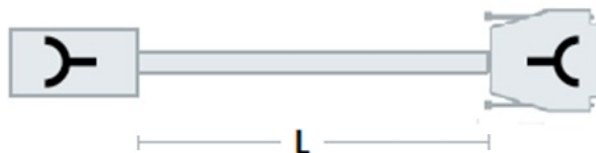
Pin Input	Colour	Signal	Pin Output
5	Brown	A	3
6	Green	/A	4
8	Grey	B	6
1	Pink	/B	7
3	Red	Io	10
4	Black	/Io	12
12	Brown-Green	+5 V	1
10/11	White-Green	0 V	2
11	White	0 V sense	11
2	Blue	+5 V sense	9
Housing	Shield	Ground	Housing

Pin Layout



Front view

Cable Diagram



L = 5, 7, 10, 15, 20, 25, 30, 40, 50 meters

Pin Layout



Front view

Lead-in Connector



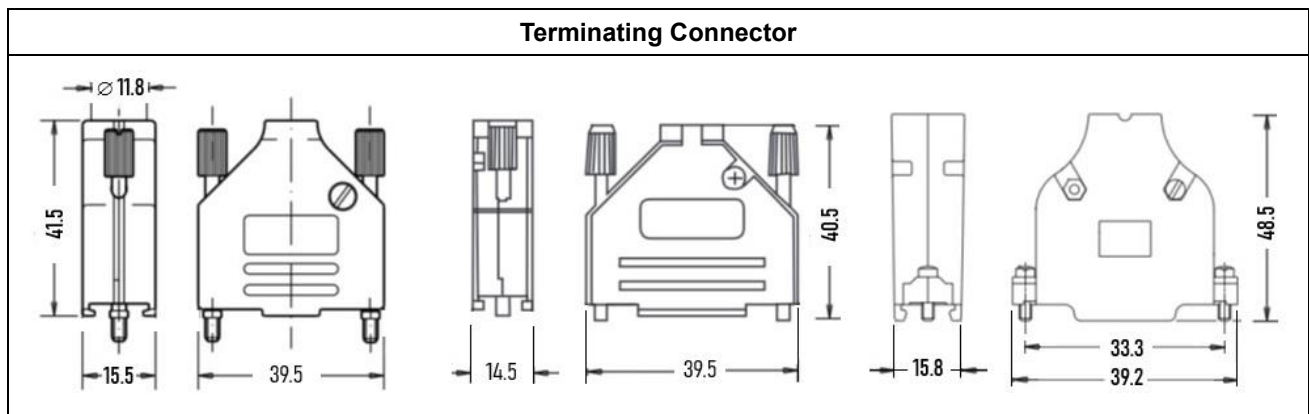
Cable Specification

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 female, contact arrangement direction P
Terminating connector	D-Sub 15 pole female

Terminating Connector

Housing dimensions slightly differ for manufacturers

see drawing in the row below



Order Information

XC-C2-(x)-H Where (x) = 5, 7, 10, 15, 20, 25, 30, 40 or 50 meters.

Example

Order Code	Description
XC-C2-10-H	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 15 pole female.