

M12 Cable Set Series

Cables for sensors with M12 round connection



- 4 pole M12 connector to IEC61076-2-101
- IP67 protection IEC 60529 (a3)
- Anti-vibration system
- Head temperature range -40 90°C, with good resistance to oils
- Choice of PVC or PUR/PVC cable insulation

Technical Specification

Protection degree IEC 60529 (a3)	Ip67	When used in conjunction with a suitable Cynergy3 switch
Head temperature range °C	-40 to 90	
Cable temperature range °C	PVC -25 to 90	PUR -25 to 80
Housing oil resistance	very good	
Housing material	TPU (polyurethane)	
Contact material	Gold over nickel plated CuZn	
Locking nut material	Nickel plated Brass	
Conductor size	4/0.34 mm ²	

Electrical Specification

Voltage AC Max	V	250
Voltage DC Max	V	250
Current Max @40°C	A	4
Voltage drop @1A x 1M	V	0.13

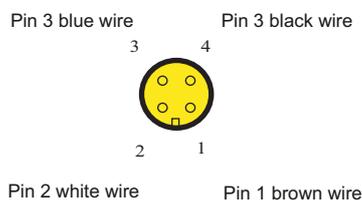
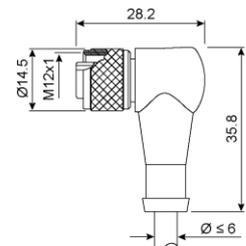
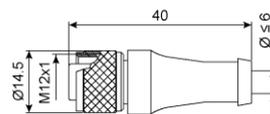
The LC cable series can be used with sensors that have M12 round connectors (IEC61076-2-101).

These are supplied as standard with choice of PVC or PUR/PVC sheath insulated cables in lengths of 2, 5 and 10 metres and with either straight or elbow connector bodies.

Standard Parts	Cable sheath	Wire insulation	Wire cores	Body type	Length (m)
LC02FBS-PVC	PVC	PVC	4/0.34	Straight	2
LC05FBS-PVC	PVC	PVC	4/0.34	Straight	5
LC10FBS-PVC	PVC	PVC	4/0.34	Straight	10
LC02FBS-PUR	PUR	PVC	4/0.34	Straight	2
LC05FBS-PUR	PUR	PVC	4/0.34	Straight	5
LC10FBS-PUR	PUR	PVC	4/0.34	Straight	10
LC02FBR-PVC	PVC	PVC	4/0.34	Elbow	2
LC05FBR-PVC	PVC	PVC	4/0.34	Elbow	5
LC10FBR-PVC	PVC	PVC	4/0.34	Elbow	10
LC02FBR-PUR	PUR	PVC	4/0.34	Elbow	2
LC05FBR-PUR	PUR	PVC	4/0.34	Elbow	5
LC10FBR-PUR	PUR	PVC	4/0.34	Elbow	10

Custom versions can be made for particular applications. Please contact Cynergy3 with your requirements.

Mechanical Dimensions



Cynergy3 Components Ltd.
7 Cobham Road
Ferndown Industrial Estate
Wimborne, Dorset BH21 7PE, UK
Telephone: +44 (0)1202 897969
Email: c3w_sales@sensata.com

ISO9001 CERTIFIED

cynergy3-lc-series-v2



Made in the UK

www.cynergy3.com