



# 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	
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 <sup>2</sup>	

### 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

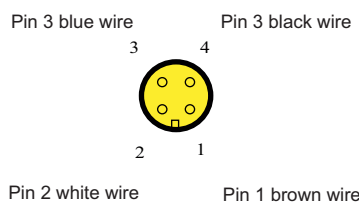
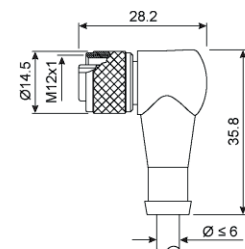
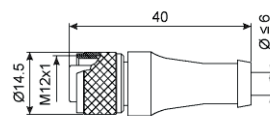
The LC cable series can be used with sensors that have M12 round connectors (IEC61076-2-101).

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  
Telephone +44 (0) 1202 897969

Email: sales@cynergy3.com

ISO9001 CERTIFIED

www.cynergy3.com

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Sensor Cables / Actuator Cables](#) category:*

*Click to view products by [Sensata](#) manufacturer:*

Other Similar products are found below :

[60963](#) [60964](#) [703000D02F2002](#) [703000D02F300](#) [703001D02F0602](#) [703001D02F300](#) [704000D02F120](#) [773032K02F030](#) [802027107404-1](#)  
[802027213811-1](#) [804001A09M150](#) [805001A09M0502](#) [84914-0235](#) [84914-0237](#) [885030A09M020](#) [1200651332](#) [1200651713](#) [1200660844](#)  
[1200660845](#) [1200661173](#) [1200680071](#) [1200720053](#) [1200720081](#) [1200720099](#) [1200720217](#) [1200800231](#) [1200860125](#) [1200870123](#)  
[1200980102](#) [1200650267](#) [1200650298](#) [1200660183](#) [1200660782](#) [1200660849](#) [1200661295](#) [1200661297](#) [1200661342](#) [1200661343](#)  
[1200670080](#) [1200670220](#) [1200680331](#) [1200720252](#) [1200730184](#) [1200860344](#) [1200870359](#) [1200870643](#) [1200980008](#) [1200980031](#)  
[1210502211](#) [1210400542](#)