





## Cables for sensors with M12 round connection





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.

- 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 mm²

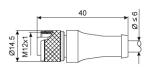
## **Electrical Specification**

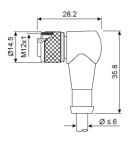
Voltage AC Max	V	250
Voltage DC Max	V	250
Current Max @40°C	Α	4
Voltage drop @1A x 1M	V	0.13

Standard Parts	Cable sheath	Wire in	sulation Wire construction	Body type
LC02FBS-PVC	PVC	PVC	4/0.34	Straight
LC05FBS-PVC	PVC	PVC	4/0.34	Straight
LC10FBS-PVC	PVC	PVC	4/0.34	Straight
LC02FBS-PUR	PUR	PVC	4/0.34	Straight
LC05FBS-PUR	PUR	PVC	4/0.34	Straight
LC10FBS-PUR	PUR	PVC	4/0.34	Straight
LC02FBR-PVC	PVC	PVC	4/0.34	Elbow
LC05FBR-PVC	PVC	PVC	4/0.34	Elbow
LC10FBR-PVC	PVC	PVC	4/0.34	Elbow
LC02FBR-PUR	PUR	PVC	4/0.34	Elbow
LC05FBR-PUR	PUR	PVC	4/0.34	Elbow
LC10FBR-PUR	PUR	PVC	4/0.34	Elbow

 $Custom\ versions\ can\ be\ made\ for\ particular\ applications.\ \ Please\ contact\ Cynergy 3\ with\ your\ requirements.$ 

## **Mechanical Dimensions**





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Email:sales@cynergy3.com

Pin 3 blue wire

Pin 3 black wire

3
4
2
1

Pin 1 brown wire

ISO9001 CERTIFIED

www.cynergy3.com

Pin 2 white wire