

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 |

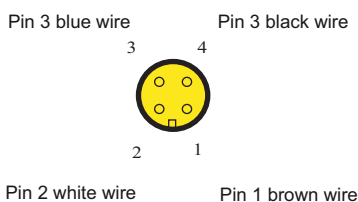
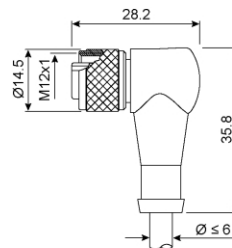
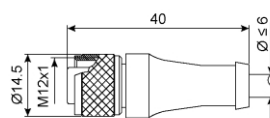
The LC cable series can be used with sensors that have M12 round connectors (IEC61076-2-101).

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



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ISO9001 CERTIFIED

cynergy3-lc-series-v2



Made in the UK

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