



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 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

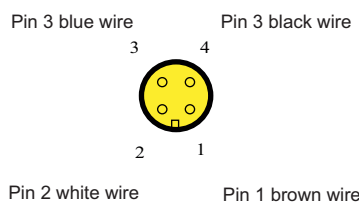
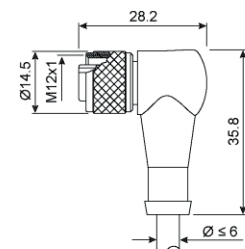
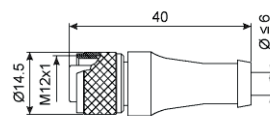
The LC cable series can be used with sensors that have M12 round connectors (IEC61076-2-101).

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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