M12 5Pin terminator, male-female in one, 120Ω resistor

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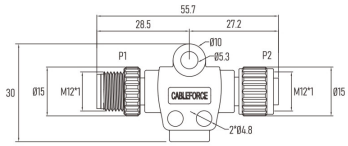

Part No.: MC05TLAB
Contacts Poles: 05 Pin
Connector Gender: Male to female connector, d
Current Rating: 4 A
Keyway Coding: A-Coding
EMC Shielding: Un-shielded

Product data

Contacts Poles:	05 Pin	Connector Gender:	Male to female connector, double ended
Current Rating:	4 A	Voltage Rating:	60V
Keyway Coding:	A-Coding	EMC Shielding:	Un-shielded
Straight/ 90° Angled:	180° Straight	Contacts Termination:	Soldering
Temperature Rating:	-40°C ~ + 80°C	Contacts Material:	Phosphor bronze, machined solid pin, Brass, machined solid pin
Contacts Plating:	3μ" Gold plating thickness	Inserts:	TPU + GF
Sealing:	O-Ring	Overmolding:	TPU
Locking Screws:	Brass with nickel plated	Contact Resistance:	≤5mΩ
Insulation Resistance:	≥ 100 MΩ	Protection Degree:	IP 67, IP 69K
Pollution Degree:	III	Connector Flamability:	UL94 HB
Waterproof Depth:	IP67 1m depth 30 minutes, IP69K against high pressure/ steam jet	Plug Mating Life:	500 times
Warranty:	2-years quality guarantee period	Compliance:	RoHS compliant
Reference Standard:	DeviceNet, CANopen, NMEA 2000	Products Certification:	IP67, IP69K
Connector Type:	Cable molding type (extension cable)		

Description

The M12 terminator is a M12 connector molded with a 120 ohm resistor inside, located at each end of the trunk line of DEVICENET, PROFIBUS DP, CANopen as well as NMEA 2000. Proper termination helps ensure signal integrity across the entire length of the cable.

- M12 A-Coded, B-Coded, D-Coded keyway connectors
- 120 ohm Resistor, +/- 1 ohm, 1/4W
- 4-Pole, 5-Pole available for both male or female connector
- Ambient temperature: -40°C ~ + 80°C