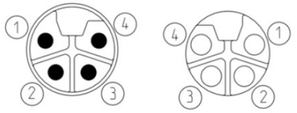
M12 L-Code Power Without FE Product Line

Pushing Performance



Description

Introduction of the M12 L-code product line without FE contact.

The development of these variants was driven by the PROFIBUS organization that defines two M12 L-code variants, one with FE (5-pin) and one without FE (4-pin).

Links to Other Materials

- Connectors
- Panel feed through
- PCB Receptacles

Specs

- IP 65/67 protection
- Voltage rating: 63 VDC
- Current rating: 12A – cable connector
  16A – PFTs and PCB receptacles
- Operating temperature: -40C to +85C
- Fully shielded
- Compatible with cable OD between 5.8 and 13.5mm

Markets

- Machinery
- Automation
- Robotics

Applications

- Power connectivity for I/O blocks
- Power connectivity for industrial devices
- Power connectivity for Ethernet and control devices

Feature	Advantage	Benefit
High power in M12 form factor	Space saving	Customers can decrease size of their device or implement more features within the same foot print
Standardized by PROFINET	New PROFINET devices being designed with M12 L-code as a main power receptacle	Easier design-in and sale process