M12 VALUE LINE FIELD INSTALLABLE CONNECTORS

- **Decrease installation and tooling costs with error-free field installable connectors**
- **Field Installable connectors come in gold and silver plated contacts for even higher conductivity**

TE Connectivity (TE) introduces a new series of M12 field installable connectors that are used for the IP67 grade field termination of serial communication links and Ethernet connections. The M12 field installable portfolio is part of TE's M8/M12 connector system which helps ensure safe and reliable communication in harsh environments, supporting all industrial protocols. TE's full range of IP65 and IP67 shielded and unshielded M8/M12 connectors and cable assemblies help decrease downtime and increase production efficiency. The M12 field installable products are mainly used by installers and machinery manufacturers where standard cable assemblies with over-molded connectors are not an option.

BENEFITS

- Decrease installation and tooling costs with error-free field installable connectors
- Extend the life of your equipment with M8/M12 connectors that are reliable in a wide variety of applications and harsh environments
- Supports higher bandwidth needs – meeting the requirements of up to 10Gb/s
- Available in gold and silver plated contacts for even higher conductivity

MECHANICAL

- IP67
- Operating temperature: -25 ℃ to +85 ℃

STANDARDS & SPECIFICATIONS

- IEC61076-2-101

ELECTRICAL

- Rated voltage:
  - 4-pins: 250V
  - 5-pins: 60V
  - 8-pins: 30V
- Current-carrying capacity:
  - A-coding 4 to 5 ways = 4A, 8 ways = 2
  - B-coding 5 ways = 4A
  - D-coding 4 ways = 4A

APPLICATIONS

- Factory floor installations
- Machinery applications
- Industrial communication equipment
- Sensors
- Machine tools
- Process automation
- Robotics
- Production machinery & equipment
- Control systems

MATERIALS

- Brass substrate
- Alternative gold or silver finish

LEARN MORE

M8/M12 Landing Page
M8/M12 Field Install Product Selector Page
New M8/M12 Catalog
M8/M12 Presentation
M12 Value Line Field Installable Connector Parts List