

INTRODUCING M12 RAIL CABLE ASSEMBLIES

- **Decrease installation time with pre-assembled cable assemblies**
- **Fire and smoke compliant according to EN45545**



TE Connectivity's M12 cable assemblies fit heavy industrial applications. The cables are pre-assembled so customers can reduce installation time. With its ruggedized design and contacts, the cable can withstand severe shocks and vibrations according to EN 61373 Cat1 Class B.

The unique crimped cable strain relief enables the best data speed possible (up to 10Gb/s) while it eliminates conductor breakage and ultimately system failure. At the same time, the crimping system creates a tamper proof installation, eliminating accidental unlocking of the strain relief. With its fire and smoke characteristics conforming to EN45545 HL3 this cable assembly can be used in public transportation applications as well as other industries areas where fire and smoke compliancy is required.

KEY BENEFITS

- Decrease installation time with pre-assembled cable assemblies
- Fire and smoke compliant according to EN45545
- HL3 protocol allows for reliable connection in rail and heavy industrial applications
- Connector dimension of 16mm dia x 52mm length enables usage in limited space areas

APPLICATIONS

- Public transportation
- Railway
- Tram
- Metro
- Heavy industrial applications

ELECTRICAL

- Current 0.5-4A
- Voltage up to 50V

MECHANICAL

- -40 to 70 degrees
- IP67
- Up to 500 mating cycles

STANDARDS & SPECIFICATIONS

- EN61373 Cat 1 Class B
- EN45545 compliant

MATERIALS

- Housing: Cu Alloy
- Contacts: machined Cu Alloy
- Insulators: Thermoplastic
- Plating: Gold