

# M12 90° RAIL CABLE CONNECTORS

- Accommodate tight installation conditions with flexible cable exit of 90°
- Install on site with field installable product portfolio



TE Connectivity (TE) introduces the M12 Rail 90° cable connector, a field installable connector developed for fault-free data transfers in harsh environments. This connector is specifically suited for harsh conditions due to the crimp termination of the signal contact and cable shield. The 90° design accommodates applications with limited available space for the cable exit.

## BENEFITS

- Accommodate tight installation conditions with flexible cable exit of 90°
- Install on site with field installable product portfolio
- Enable fault-free data transfer in harsh environments with rugged connector design
- Save time with ease field assembly
- Realize smaller mechanical constructions with compact connector dimensions featuring a small diameter
- Withstand factory conditions with torsion and vibration-proof strain relief
- Realize quick installation with simple selection of the position and lock against rotation of the cable outlet

## MECHANICAL

- Temperature Range: -40 °C to +80 °C
- IP Rating: IP67

## STANDARDS & SPECIFICATIONS

- EN 61373 Class 1
- Fire Performance NFF16101, NFF16102, EN45545

## APPLICATIONS

- CCTV
- Door controls
- Passenger information systems
- Inverter/converter control
- Train management
- Wayside control

## ELECTRICAL

- Current Rating: D-4: 4A / A-8: 2 A
- Operational Voltage: A-5 / D-4: 50 V DC / A-8: 30 V DC
- Contact Resistance: < 5 mΩ
- Insulation Resistance: > 100 MΩ

## MATERIALS

- Mating Cycles: >> 200 mating Cycles

## LEARN MORE

[M12 Right Angle Landing Page](#)  
[M12 Right Angle Flyer](#)  
[M12 Right Angle Parts List](#)