



## M12 RAIL VALUE VERSION

The M12 Rail Value version is a Rail M12 cable connector with crimp contacts, compliant to EN45545 and EN61373. The field installable connector is available in D and A coding with 4, 5 or 8 contacts. The connector accepts a cable diameter from 4 to 8.4mm and a conductor size from 18-26 AWG. Developed in India and manufactured in China, TE is providing the benefits of local support and fast leadtimes. The smart design of this connector offers fast installation, uninterrupted onboard ethernet connectivity and great value for money.

### BENEFITS

- Wide cable diameter range permits the usage of 1 connector for all cables leading to assembly time savings
- Connector reliability leads to reduction of maintenance cost
- Connector can be used in rail applications
- Connector can be used in wet conditions due to IP67 rating

### FEATURES

- Available in D4, A5 and A8 coding
- Cable diameter range 4-8.4mm
- Supported wire size AWG 18-26
- IP67 (protected against dust and immersion in water)
- Compliant to rail standards EN45545 HL3 R22/R23 and EN61373 cat2 class B

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### APPLICATIONS

- Wi-Fi networks
- CCTV networks
- Sensor networks
- Door systems
- HVAC systems
- Passenger information systems

### ELECTRICAL

- Rated voltage up to 250V
- Rated current up to 4A
- Contact resistance  $\leq 8\text{m}\Omega$
- Insulation resistance  $> 100\text{M}\Omega$

### MATERIALS

- **Metal Body:** Brass Ni plated
- **Contacts:** PhPb Au plated
- **Insulators:** PA66 black

### MECHANICAL

- Protection degree IP67
- Operating temp  $-40 - 85^{\circ}\text{C}$
- Pollution degree 3

### STANDARDS

- IEC61076-2-101
- IEC61373
- EN45545
- IEC50155

### SPECIFICATIONS

- 108-157015



### PART NUMBER LIST

Part Number	Part Description
2351378	D4 Male
2351414	A5 Male
2351415	A8 Male
2358990	D4 Female
2358991	A5 Female
2358992	A8 Female

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