



M12 RAIL VALUE VERSION

Economic version of M12 connectors, including A coded 8 positions and D coded 4 positions male and female, straight & field installable products, comply with rail application standards (EN45545, IEC61373).

BENEFITS

- Flexible for field connection
- Applicable for outdoor application
- Ensure safety level of hazard material against fire and smoke
- Flexible on wire range for different field applications
- Shielding design to enable signal & high-speed data transmission during harsh environment

FEATURE

- Field Installable with crimping contact
- Vibration and shock resistance according to IEC61373
- IP67 protection
- EN45545 compliant
- Wire size AWG18-26

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APPLICATIONS

- Audio-visual communication
- Passenger information
- Video surveillance
- Passenger entertainment and WIFI
- Passenger information displays
- Ticket machines

MATERIALS

- **Metal body:** Brass, nickel plating
- **Insulators:** PA
- **Contacts:** Bronze, gold plating

MECHANICAL

- **Contacts available range:** AWG 18-26
- **Mating cycles:** 100 min.
- **Water tightness:** IP67 (in mated condition)

ELECTRICAL

- **D4 code:**
 - **Voltage & current:** 250V & 4A
 - **Contact resistance:** 8 mΩ max.
 - **Insulation resistance:** 100MΩ min.
- **A8 code:**
 - **Voltage & current:** 30V & 2A
 - **Contact resistance:** 8 mΩ max.
 - **Insulation resistance:** 100MΩ min.

STANDARD

- Interface per IEC 61076-2-101

SPECIFICATIONS

- **Shock and vibrations:** IEC 61373
- **Fire and smoke:** EN45545-2, HL2

PART NUMBER LIST

Part number	Product description	Cable size
2351378-1	M12 MALE, D4 CODE, STR CONNECTOR, PG7 SEAL	AWG 22-26
2351378-2	M12 MALE, D4 CODE, STR CONNECTOR, PG9 SEAL	AWG 22-26
2351378-3	M12 MALE, D4 CODE, STR CONNECTOR, PG7 SEAL	AWG 18-20
2351378-4	M12 MALE, D4 CODE, STR CONNECTOR, PG9 SEAL	AWG 18-20
2358990-1	M12 FEMALE, D4, STR CONNECTOR, PG7 SEAL	AWG 22-26
2358990-2	M12 FEMALE, D4, STR CONNECTOR, PG9 SEAL	AWG 22-26
2358990-3	M12 FEMALE, D4, STR CONNECTOR, PG7 SEAL	AWG 18-20
2358990-4	M12 FEMALE, D4, STR CONNECTOR, PG9 SEAL	AWG 18-20

Part number	Product description	Cable size
2351415-1	M12 MALE, A8 CODE, STR CONNECTOR, PG7 SEAL	AWG 22-26
2351415-2	M12 MALE, A8 CODE, STR CONNECTOR, PG9 SEAL	AWG 22-26
2351415-3	M12 MALE, A8 CODE, STR CONNECTOR, PG7 SEAL	AWG 18-20
2351415-4	M12 MALE, A8 CODE, STR CONNECTOR, PG9 SEAL	AWG 18-20
2358992-1	M12 FEMALE, A8, STR CONNECTOR, PG7 SEAL	AWG 22-26
2358992-2	M12 FEMALE, A8, STR CONNECTOR, PG9 SEAL	AWG 22-26
2358992-3	M12 FEMALE, A8, STR CONNECTOR, PG7 SEAL	AWG 18-20
2358992-4	M12 FEMALE, A8, STR CONNECTOR, PG9 SEAL	AWG 18-20

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Part number	Product description	Cable size	Part number	Product description	Cable size
2351768-1	D CODED, CONTACT	AWG 22-26	2351769-1	A CODED, CONTACT	AWG 22-26
2351768-2	D CODED, CONTACT	AWG 18-20	2351769-2	A CODED, CONTACT	AWG 18-20
2358996-1	D CODED, FEMALE CONTACT	AWG 22-26	2358997-1	A CODED, FEMALE CONTACT	AWG 22-26
2358996-2	D CODED, FEMALE CONTACT	AWG 18-20	2358997-2	A CODED, FEMALE CONTACT	AWG 18-20

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