

INTRODUCING M12 X-CODE FIELD INSTALLABLE CABLE PLUG

- **Fast, error-free installation because reliable IDC contacts, automatic wire cut-off function integrated in the connector and tool-less installation**
- **Terminates most common wire sizes - AWG 22-24-26, solid and stranded; Outer Cable Diameter 6.0mm..9.0mm**



With TE Connectivity's latest M12 X-code Field Installable Connector, Installers and Machinery makers can make a Cat6A connection termination error free and tool-less, faster than alternative standard data connector solutions.

With only two parts the latest TE Connectivity's M12 X-code FI Connector is easy to install in the field without the chance of dropping parts into places where they can not be recovered from. The cable leads can be stripped at arbitrary length (so no measuring upfront required) and will be terminated for optimal performance by the TE patented lever technology combined with the automatic wire cut off function integrated in the connector. This unique standardized tool-less connector series enables you to fasten assembly time to the cable and cable braid.

With the final closing of the connector, an error free 10 Gb/s connection (Cat6A) with IP67 (optionally IP68) environmental shielding is realized without the usage of any tools.

KEY BENEFITS

- Visible inspection possible of cable braid termination before final connector assembly
- Installation Display Contacts (IDC)
- Automatic wire cut-off function integrated in connector
- Tool-less assembly installation
- Speed up to 10 Gb/s

APPLICATIONS

- PLC
- Servo Drive
- Industrial Ethernet switches
- Industrial wireless access points
- Industrial Machinery
- Robotics

ELECTRICAL

- 4x2 pair, Cat6A, 60V, Dielectric strength 1,5 kV rms (50/60Hz) / 60s between shield and signal contacts according to IEC 60512-2, test 4a
- PoE: IEEE 802.3at, see IEC TR 29125: currents up to 1 A per pair (500 mA per conductor) with all 4 pairs energized.

MECHANICAL

- Integrated Cable strain relief (100N).
- Operating temperature range -40°C to +85°C.
- Number of mating cycles > 100.
- Assembly of wires from AWG 22 up to AWG 26
- Re-assembly; 22AWG up to 3 times, AWG24/26 up to 7 times

MATERIALS

- UL94-V0

STANDARDS & SPECIFICATIONS

- ISO/IEC 61076-2-109
- UL recognition: C Ru US

LEARN MORE

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[M12 X-Code Field Installable Cable Part List](#)

[M12 X-Code Field Installable Cable Flyer](#)

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