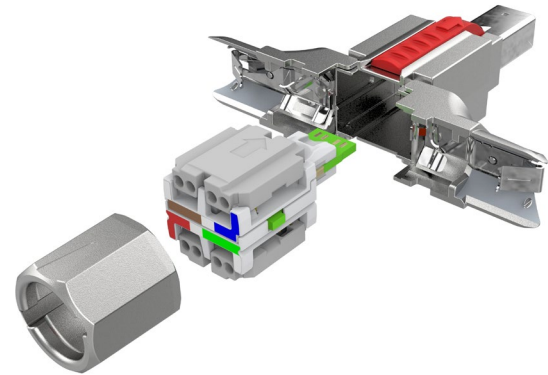


INTRODUCING INDUSTRIAL MINI I/O FIELD INSTALLABLE CONNECTOR CAT6A

- **Field installable technology enable easy, quick and error free installation**
- **Camera and other high-speed peripherals can be connected and supported via Mini I/O and PoE**



TE Connectivity (TE) Industrial Mini I/O connector can be used in Cat6A Ethernet connections where fast and flawless field installation is an important requirement. It can be connected to the cable without special tools and can accommodate 8-wire AWG24/26 cables.

The Industrial Mini I/O connector system is a compact, wire to wire and wire-to-board solution for reliable serial, bus, and Ethernet connections in industrial applications. Measuring only one quarter of the size of conventional RJ45 plugs, the Industrial Mini I/O connector provides space saving on a PCB - space that can now be used more efficiently.

The connector automatically cuts off the wire at the optimal length during contacting guaranteeing optimal transmission performance. To meet current network data rates. Cat5e (1Gbps) and Cat6A (10 Gbps) variants are available Both Type I (D-Mating Interface) and Type II (U- Mating Interface) are available to prevent connector mis-mating.

APPLICATIONS

- Robotics
- Machinery
- Drives
- Motors
- Distributed peripherals

MATERIALS

- Die Cast Housing
- Contact: Copper alloy

ELECTRICAL

- Current rating: 0.75A
- Voltage rating: 60Vdc, 50Vac
- Cat5e / Cat6A transmission

MECHANICAL

- Operating temperature: -40 °C - 105 °C
- Durability: 750 cycles tested
- Cable retention force: 100N

STANDARDS

- EIA364
- IEEE 802.3
- IEC 61076-3-122

LEARN MORE

- [Industrial Mini I/O Landing Page](#)
- [Industrial Mini I/O Parts List](#)
- [Industrial Mini I/O Flyer](#)
- [Industrial Mini I/O Presentation](#)