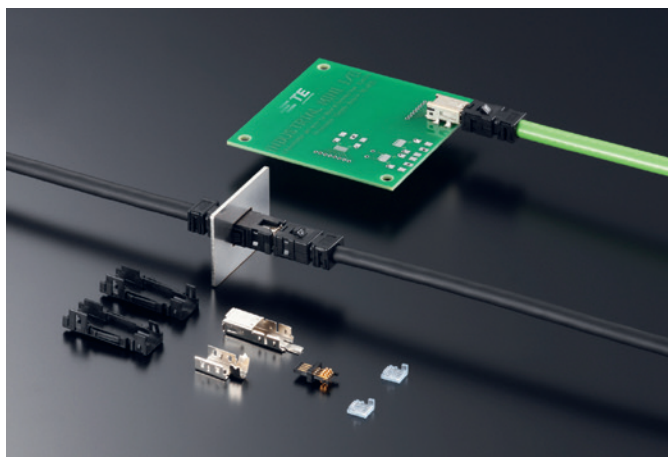


Industrial Mini I/O connector

Field Installable version



TE's Industrial Mini I/O Field Installable connector provides innovative and time-saving wire-termination alongside serving as a space saving and reliable I/O solution for industrial environments. TE's Industrial Mini I/O connector is only one quarter the size of the conventional RJ45 plug and as a result, provides space saving and the flexibility to use limited space on the PCB more effectively. Designed with two points of contact, this connector is built for the stringent demands of an industrial and high vibration environment, enabling increased productivity through a reliable connection. With its innovative piercing termination, the Mini I/O Field Installable version decreases the time usually needed to terminate the wires through soldering and with an easy to use hand tool, the field assembly in virtually any environment is now possible.

BENEFITS

- Innovative and time-saving wire-termination
- Reliable connections in industrial and vibration-prone environments
- Space saving solution that allows for increased design flexibility
- Available in different versions for various applications

KEY FEATURES

- Small, Compact Size (space savings)
- Time Saving Wire Termination
- Enables wire-to-wire connections
- Intermateable with existing receptacles (SMT, Right Angle, Straight, THR)
- Keying interface to prevent mis-mating

te.com/products/mini-io

TE Connectivity, TE Connectivity (logo) and Every Connection Counts are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2016 TE Connectivity Ltd. family of companies All Rights Reserved.

1-1773733-2 10/2016 Original: WR

APPLICATIONS

- Industrial Communications
- Motion & Drives
- PLC's
- Robotics

MECHANICAL

- Operating temperature: -40 °C to +85 °C
- Cable diameter: 7.1 mm Max
- Wire size: 24 AWG Max
- Latch retention force: 98 N (10 kg)

ELECTRICAL

- 8 position
- 60 V rated
- Wire-to-board
- Current rating: 1 A
- 0.635 mm pitch

MATERIALS

- Shell: Copper alloy
- Contact: Copper alloy
- Housing: Thermoplastic

STANDARDS AND SPECIFICATIONS

- Meets Cat5e requirements when used in an Ethernet application product specification: 108-78955
- Application specification: 114-5506

PRODUCT OFFERING

Description	Part Number
MINI I/O PLUG KIT TYPE I L	2201855-1
MINI I/O PLUG KIT TYPE II L	1-2201855-1
MINI I/O PLUG KIT TYPE I M	2201855-2
MINI I/O PLUG KIT TYPE II M	1-2201855-2
MINI I/O PLUG KIT TYPE I LM MIX	2201855-3
MINI I/O REC KIT TYPE I L	2201864-1
MINI I/O REC KIT TYPE II L	1-2201864-1
MINI I/O REC KIT TYPE I M	2201864-2
MINI I/O REC KIT TYPE II M	1-2201864-2
MINI I/O REC KIT TYPE I LM MIX	2201864-3
HAND TOOL	2229737-1

PRODUCT DIMENSIONS

- Plug Kit: 11.62 x 34 x 8.7 mm
- Receptacle Kit: 11.7 x 35 x 13.5 mm

PRODUCT SHEET

TE Connectivity Automation & Control

Pfnorstr. 1
D-64293 Darmstadt
Germany

+49 6151 607 1999

www.te.com

LEGAL ENTITY