



M8/M12 PANEL MOUNT AND PCB CONNECTORS

TE Connectivity (TE)'s M8/M12 Panel Mount connectors are designed for safe and reliable communication. With a broad portfolio and many configurations, the M8/M12 Panel mount product range offers maximum design flexibility and cost-efficiency. For PCB boards.

As part of TE Connectivity's extensive range of connectors, the M8/M12 connector system helps to establish safe, reliable and efficient communication in nearly all industrial environments.

TE's M12 product portfolio offers short lead times thanks to local stock, low Minimum Order Quantities (MOQ) and a worldwide sample services that meets the customers needs to speed up the Go To Market time.

BENEFITS

- **Maximum design flexibility for PCBs:** broad portfolio and many configurations
- **Cost-effective:** ruggedized for use in harsh industrial environments
- **Short lead-times:** accelerate your Go-To-Market time
- **Performance-enhancing:** extending the lifetime and durability of equipment

M8/M12 Panel Mount and PCB Connectors

KEY FEATURES

- Right angle connector
- IP67 rated for harsh industrial environments
- Available in male and female
- Available in shielded and unshielded versions
- Gold plated
- 2, 5, 8 positions
- A/B/D code
- UL certified

APPLICATIONS

- Industrial automation
- Automobile manufacturing
- Machine tools
- Semiconductor manufacturing
- Factory automation machines
- Manufacturing of solenoid and sensor valves
- Vision systems

ORDERING INFORMATION - M8 CONNECTORS

Part Number	Description
T4041017031-000	M8.FMLE.PNLREAR.3POS.STR PCB
T4070014031-001	M8.MLE.PNLREAR.3POS.STR WIRE
T4032014031-000	M8.MLE.PNLFRONT.3POS.STR
T4033014041-000	M8.FMLE.PNLFRONT.4POS.STR
T4040034041-000	M8.MLE.PNLREAR.4POS.STR PCBSHLD
T4041037031-000	M8.FMLE.PNLREAR.3POS.STR PCBSHLD
T4070014041-001	M8.MLE.PNLREAR.4POS.STR WIRE
T4073014031-001	M8.FMLE.PNLFRONT.3POS.STR WIRE
T4040034031-000	M8.MLE.PNLREAR.3POS.STR PCBSHLD
T4041037041-000	M8.FMLE.PNLREAR.4POS.STR PCBSHLD
T4042014041-000	M8.MLE.PNLFRONT.4POS.STR.PCB
T4071017031-001	M8.FMLE.PNLREAR.3POS.STR WIRE
T4031017031-000	M8.FMLE.PNLREAR.3POS.STR
T4032014041-000	M8.MLE.PNLFRONT.4POS.STR.
T4042014031-000	M8.MLE.PNLFRONT.3POS.STR PCB
T4041017041-000	M8.FMLE.PNLREAR.4POS.STR PCB

ELECTRICAL

- IEC61076-2-101
- IEC61076-2-104

MECHANICAL

- IEC61076-2-101
- IEC61076-2-104

STANDARDS & SPECIFICATIONS

- IEC61076-2-101
- IEC61076-2-104

PRODUCT COMPLIANCE / APPROVALS

- RoHS
- REACH

Part Number	Description
T4043014041-000	M8.FMLE.PNLFRONT.4POS.STRPCB
T4072014041-001	M8.MLE.PNLFRONT.4POS.STR WIRE
T4030014031-000	M8.MLE.PNLREAR.3POS.STR
T4030014041-000	M8.MLE.PNLREAR.4POS.STR.
T4043014031-000	M8.FMLE.PNLFRONT.3POS.STRPCB
T4073014041-001	M8.FMLE.PNLFRONT.4POS.STR WIRE
T4031017041-000	M8.FMLE.PNLREAR.4POS.STR
T4033014031-000	M8.FMLE.PNLFRONT.3POS.STR
T4071017041-001	M8.FMLE.PNLREAR.4POS.STR WIRE
T4040014031-000	M8.MLE.PNLREAR.3POS.STR PCB
T4040014041-000	M8.MLE.PNLREAR.4POS.STR PCB
T4072014031-001	M8.MLE.PNLFRONT.3POS.STR WIRE
T4081122004-000	M8 Y DISTRIBUTOR MALE 4POS
T4082102004-000	M8 T DISTRIBUTOR MALE 4POS
T4082102003-000	M8 T DISTRIBUTOR MALE 3POS
T4081112003-000	M8 Y DISTRIBUTOR MALE 3POS

Please visit [te.com](https://www.te.com) to explore our complete M8/M12 Panel Mount and PCB Connector portfolio.

M8/M12 Panel Mount and PCB Connectors

ORDERING INFORMATION - M12 STRAIGHT CONNECTORS

Part Number	Description
T4130012041-000	M12,Rear Mount,Male,A,4P,Solder Wire
T4130012051-000	M12,REAR MOUNT,MALE,A,5P,SOLDER WIRE
T4130412051-000	M12,REAR MOUNT,MALE,B,5P,SOLDER WIRE
T4130512041-000	M12,REAR MOUNT,MALE,D,4P,SOLDER WIRE
T4131012041-000	M12,REAR MOUNT,FEMALE,A,4P,SOLDER WIRE
T4131012051-000	M12,REAR MOUNT,FEMALE,A,5P,SOLDER WIRE
T4131412051-000	M12,REAR MOUNT,FEMALE,B,5P,SOLDER WIRE
T4131512041-000	M12,REAR MOUNT,FEMALE,D,4P,SOLDER WIRE
T4140012041-000	M12,REAR MOUNTING,MALE,A CODE,4P
T4140012051-000	M12,REAR MOUNTING,MALE,A CODE,5P
T4140412051-000	M12,REAR MOUNTING,MALE,B CODE,5P
T4140512041-000	M12,REAR MOUNTING,MALE,D CODE,4P
T4141012041-000	M12,REAR MOUNTING,FEMALE,A CODE,4P
T4141012051-000	M12,REAR MOUNTING,FEMALE,A CODE,5P
T4141412051-000	M12,REAR MOUNTING,FEMALE,B CODE,5P

Part Number	Description
T4141512041-000	M12,REAR MOUNTING,FEMALE,D CODE,4P
T4171010504-002	M12,REAR MOUNTING,MALE,D,4P,0.5M WIRE
T4171110004-001	M12,REAR MOUNTING,FEMALE,A,4P,0.2M WIRE
T4171110004-002	M12,REAR MOUNTING,FEMALE,A,4P,0.5M WIRE
T4171110005-001	M12,REAR MOUNTING,FEMALE,A,5P,0.2M WIRE
T4171110005-002	M12,REAR MOUNTING,FEMALE,A,5P,0.5M WIRE
T4171110405-001	M12,REAR MOUNTING,FEMALE,B,5P,0.2M WIRE
T4171110405-002	M12,REAR MOUNTING,FEMALE,B,5P,0.5M WIRE
T4171110504-001	M12,REAR MOUNTING,FEMALE,D,4P,0.2M WIRE
T4171110504-002	M12,REAR MOUNTING,FEMALE,D,4P,0.5M WIRE
T4171010004-001	M12,REAR MOUNTING,MALE,A,4P,0.2M WIRE
T4171010004-002	M12,REAR MOUNTING,MALE,A,4P,0.5M WIRE
T4171010005-001	M12,REAR MOUNTING,MALE,A,5P,0.2M WIRE
T4171010005-002	M12,REAR MOUNTING,MALE,A,5P,0.5M WIRE
T4171010405-001	M12,REAR MOUNTING,MALE,B,5P,0.2M WIRE
T4171010405-002	M12,REAR MOUNTING,MALE,B,5P,0.5M WIRE
T4171010504-001	M12,REAR MOUNTING,MALE,D,4P,0.2M WIRE

ORDERING INFORMATION - M12 RIGHT ANGLE CONNECTORS

Part Number	Description
T4145015041-001	M12 R/A F PNL REAR STAMPED PIN A-CODE 4P
T4145015051-001	M12 R/A F PNL REAR STAMPED PIN A-CODE 5P
T4145415051-001	M12 R/A F PNL REAR STAMPED PIN B-CODE 5P
T4145535041-001	M12 R/A F PNL STAMPED PIN D-CODE 4P SHLD
T4144015021-000	M12 R/A M PNL REAR A-CODE 2P PCBSTD
T4144015031-000	M12 R/A M PNL REAR A-CODE 3P PCBSTD
T4144015041-000	M12 R/A M PNL REAR A-CODE 4P PCBSTD
T4144015051-000	M12 R/A M PNL REAR A-CODE 5P PCBSTD

Part Number	Description
T4144035021-000	M12 R/A M PNL REAR A-CODE 2P PCBSTD SHLD
T4144035031-000	M12 R/A M PNL REAR A-CODE 3P PCBSTD SHLD
T4144035041-000	M12 R/A M PNL REAR A-CODE 4P PCBSTD SHLD
T4144035051-000	M12 R/A M PNL REAR A-CODE 5P PCBSTD SHLD
T4144415051-000	M12 R/A M PNL REAR B-CODE 5P PCBSTD
T4144435051-000	M12 R/A M PNL REAR B-CODE 5P PCBSTD SHLD
T4144515041-000	M12 R/A M PNL REAR D-CODE 4P PCBSTD
T4144535041-000	M12 R/A M PNL REAR D-CODE 4P PCBSTD SHLD
T4144015081-000	M12 RA 8 PIN MALE -UN SHIELDING
T4144035081-000	M12 RA 8 PIN MALE -SHIELDING
T4145015081-002	M12 RA 8 PIN FEMALE -UN SHIELDING
T4145035081-002	M12 RA 8 PIN FEMALE -SHIELDING

Please visit te.com to explore our complete M8/M12 Panel Mount and PCB Connector portfolio.

te.com/m8m12

© 2019 TE Connectivity. All Rights Reserved.

TE, TE Connectivity, and the TE Connectivity (logo) are trademarks of TE Connectivity. Other logos, product and company names mentioned herein may be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

1-1773936-9 09/19 Tangence

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

[T4171110504-002](#) [T4171010004-002](#) [T4171110005-002](#) [T4171010405-002](#) [T4171010005-002](#) [T4171110405-002](#)
[T4171010504-002](#) [T4171110004-002](#)