



## 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
<a href="#">T4041017031-000</a>	M8.FMLE.PNLREAR.3POS.STR PCB
<a href="#">T4070014031-001</a>	M8.MLE.PNLREAR.3POS.STR WIRE
<a href="#">T4032014031-000</a>	M8.MLE.PNLFRONT.3POS.STR
<a href="#">T4033014041-000</a>	M8.FMLE.PNLFRONT.4POS.STR
<a href="#">T4040034041-000</a>	M8.MLE.PNLREAR.4POS.STR PCBSHLD
<a href="#">T4041037031-000</a>	M8.FMLE.PNLREAR.3POS.STR PCBSHLD
<a href="#">T4070014041-001</a>	M8.MLE.PNLREAR.4POS.STR WIRE
<a href="#">T4073014031-001</a>	M8.FMLE.PNLFRONT.3POS.STR WIRE
<a href="#">T4040034031-000</a>	M8.MLE.PNLREAR.3POS.STR PCBSHLD
<a href="#">T4041037041-000</a>	M8.FMLE.PNLREAR.4POS.STR PCBSHLD
<a href="#">T4042014041-000</a>	M8.MLE.PNLFRONT.4POS.STR.PCB
<a href="#">T4071017031-001</a>	M8.FMLE.PNLREAR.3POS.STR WIRE
<a href="#">T4031017031-000</a>	M8.FMLE.PNLREAR.3POS.STR
<a href="#">T4032014041-000</a>	M8.MLE.PNLFRONT.4POS.STR.
<a href="#">T4042014031-000</a>	M8.MLE.PNLFRONT.3POS.STR PCB
<a href="#">T4041017041-000</a>	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
<a href="#">T4043014041-000</a>	M8.FMLE.PNLFRONT.4POS.STRPCB
<a href="#">T4072014041-001</a>	M8.MLE.PNLFRONT.4POS.STR WIRE
<a href="#">T4030014031-000</a>	M8.MLE.PNLREAR.3POS.STR
<a href="#">T4030014041-000</a>	M8.MLE.PNLREAR.4POS.STR.
<a href="#">T4043014031-000</a>	M8.FMLE.PNLFRONT.3POS.STRPCB
<a href="#">T4073014041-001</a>	M8.FMLE.PNLFRONT.4POS.STR WIRE
<a href="#">T4031017041-000</a>	M8.FMLE.PNLREAR.4POS.STR
<a href="#">T4033014031-000</a>	M8.FMLE.PNLFRONT.3POS.STR
<a href="#">T4071017041-001</a>	M8.FMLE.PNLREAR.4POS.STR WIRE
<a href="#">T4040014031-000</a>	M8.MLE.PNLREAR.3POS.STR PCB
<a href="#">T4040014041-000</a>	M8.MLE.PNLREAR.4POS.STR PCB
<a href="#">T4072014031-001</a>	M8.MLE.PNLFRONT.3POS.STR WIRE
<a href="#">T4081122004-000</a>	M8 Y DISTRIBUTOR MALE 4POS
<a href="#">T4082102004-000</a>	M8 T DISTRIBUTOR MALE 4POS
<a href="#">T4082102003-000</a>	M8 T DISTRIBUTOR MALE 3POS
<a href="#">T4081112003-000</a>	M8 Y DISTRIBUTOR MALE 3POS

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## 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

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