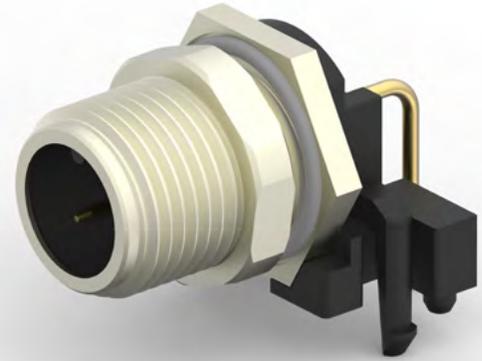


# INTRODUCING M8/M12 PANEL MOUNT AND PCB CONNECTORS

- Allow for maximum design flexibility for PCBs with broad portfolio and many configurations
- Offer ruggedized, cost-effective connections for use in harsh industrial environments



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

## KEY BENEFITS

- Allow for maximum design flexibility for PCBs with broad portfolio and many configurations
- Offer ruggedized, cost-effective connections for use in harsh industrial environments
- Accelerate your Go-To-Market time with short lead-times
- Achieve time-saving with field-installable installation
- Help extend the lifetime and durability of equipment

## APPLICATIONS

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

## LEARN MORE

[Landing Page](#)

[Product Flyer](#)

[Product Listing Page M8](#)

[Product Listing Page M12](#)

[Parts List](#)

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## ELECTRICAL

### Voltage Rating:

- M12:
  - 250V ( $\leq 4$  pin)
  - 60V (5 pin)
  - 30V ( $> 5$  pin)
- M8:
  - 60V (3 pin)
  - 30V (4 and 5 pin)

### Current Rating

- M12:
  - A-coding 2-5 pins = 4A
  - 6- 8 pins = 2A
- M8:
  - All pins = 3A

## MECHANICAL

- Mating Cycles: 100 cycles
- Temperature Rating:  $-25^{\circ}\text{C}$  to  $85^{\circ}\text{C}$
- Sealing Requirements: IP65/IP67

## MATERIALS

- Copper alloy with nickel plating
- Plastic
- Gold plated contacts

## STANDARDS & SPECIFICATIONS

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