



**CONNECTORS**

**STANDARD CIRCULAR CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## M12,FRONT MOUNT,FEMALE,A,3P,SOLDER WIRE

M8/M12 Connector System | M12 , M12 Connector , M12 PCB/Panel Mount

T4133012031-000

TE Internal Number: T4133012031-000

[EU RoHS Compliant with Exemptions](#)

[EU ELV Compliant with Exemptions](#)

**Connector System** Wire-to-Panel

**Product Type** Connector

**Sealable** Yes

**Reverse Gender** Standard

**Shell Plating Material** Nickel

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

#### **M12 PANEL MOUNT CONNECTOR A CODE, FEMALE, FRONT MOUNTING WIRE SOLDERING**

PDF

**English**

CAD Files

#### **3D PDF**

PDF

**3D**

#### **Customer View Model**

2D\_DXF.ZIP

English

### Customer View Model

3D\_IGS.ZIP

English

### Customer View Model

3D\_STP.ZIP

English

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Product Specifications

Application Specification

### M12 Screw Connection Application Specification

PDF

English

Product Specification

### Industrial M8 & M12 Series Circular Connector

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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Product Type Features

**Connector System** Wire-to-Panel

**Product Type** Connector

**Sealable** Yes

**Connector & Contact Terminates To** Printed Circuit Board

**Shell Size** 18

**Shielded** No

**Connector Style** Receptacle

**Shell Type** Metal

**Accessory Color** Black

**Assembly Type** Electrical Connector

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Configuration Features

**Number of Power Positions** 0

**Number of Signal Positions** 3

**Preloaded** Yes

**Number of Positions** 3

**Position Keyed** A

**Keying** A

**Factory Installed Backshell** No

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Electrical Characteristics

**Operating Voltage (VAC)** 250

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Body Features

**Shell Plating Material** Nickel  
**Shell Material** Copper Alloy  
**Insulation Material** Polyamide  
**Environmental Protection Type** Sealed  
**Peripheral Seal Material** Silicone  
**O-Ring Material** Silicone

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#### Contact Features

**Reverse Gender** Standard  
**Contact Type** Female

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#### Mechanical Attachment

**Polarization Code** A  
**Mating Alignment Type** Keyed  
**Flange** Without

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#### Dimensions

**Wire/Cable Size (AWG)** 18 – 24

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#### Usage Conditions

**Operating Temperature Range (°F)** -40 – 85

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#### Industry Standards

**IP Water Sealing Level** IP67

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#### Packaging Features

**Packaging Quantity** 1

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#### Other

**Field Serviceable** No

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#### Statement of Compliance

**Statement of Compliance**

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