

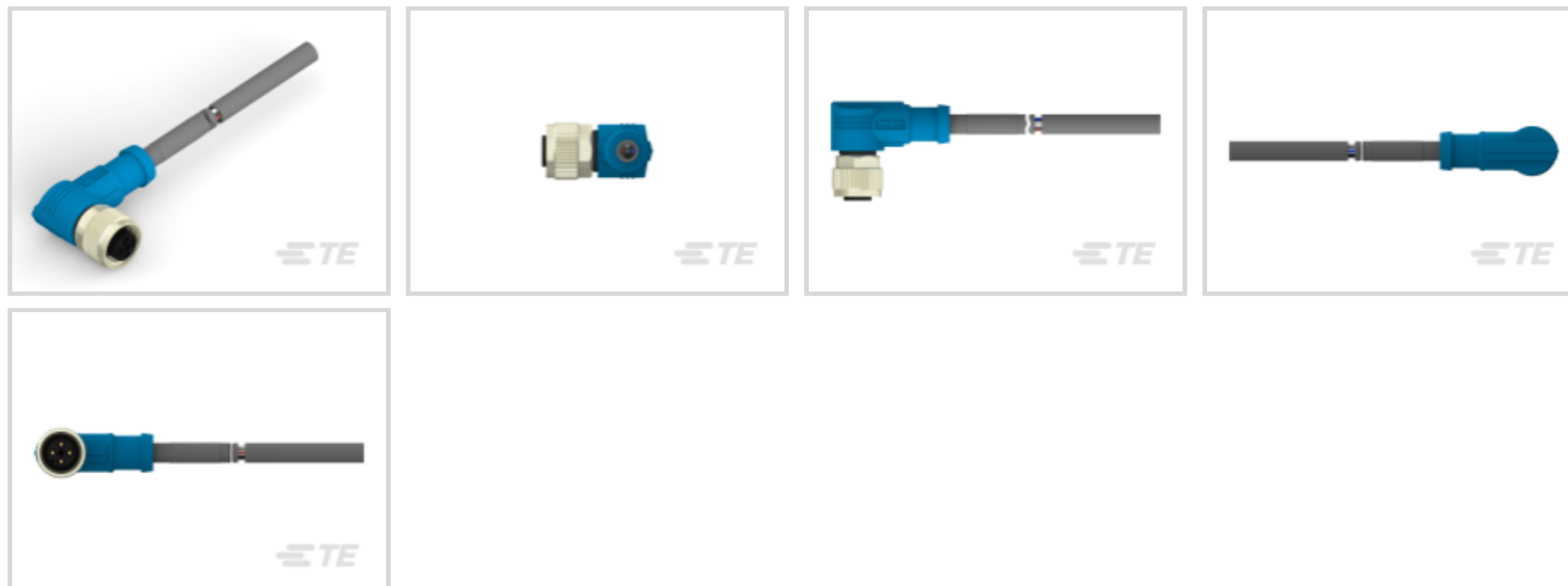


TE Internal #: T4161420004-005

M8/M12 Cable Assemblies, Sensor/Actuator, 4 Positions, A M8 /M12 Cable Assembly Keying, Receptacle, M12 Pigtail, Right Angle

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M12 A-CODE FEMALE R/A SINGLE ENDED CABL



M8/M12 Application Type: **Sensor/Actuator**

Number of M8/M12 Cable Assembly Positions: **4**

M8/M12 Cable Assembly Keying: **A**

M8/M12 Cable Assembly Connector Type: **Receptacle**

M8/M12 Cable Assembly Type: **M12 Pigtail**

[All M12 A-CODE FEMALE R/A SINGLE ENDED CABL \(140\)](#)

## Features

### Product Type Features

|                                      |                |
|--------------------------------------|----------------|
| LED                                  | Without        |
| Cable Type                           | PUR            |
| Product Type                         | Cable Assembly |
| Assembly Type                        | Pigtail        |
| M8/M12 Cable Assembly Connector Type | Receptacle     |
| M8/M12 Cable Assembly Type           | M12 Pigtail    |
| M8/M12 Cable Assembly Shielded       | Yes            |

### Configuration Features

|                                           |              |
|-------------------------------------------|--------------|
| Number of M8/M12 Cable Assembly Positions | 4            |
| M8/M12 Cable Assembly Keying              | A            |
| M8/M12 Cable Assembly Configuration       | Single Ended |

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|



### Body Features

|                          |              |
|--------------------------|--------------|
| Connector Color          | Blue         |
| Cable Exit Angle         | Right Angle  |
| Environmental Protection | With         |
| Conductor Material       | Copper Alloy |
| Cable Jacket Color       | Gray         |

### Contact Features

|                        |     |
|------------------------|-----|
| Contact Current Rating | 4 A |
|------------------------|-----|

### Mechanical Attachment

|                                      |             |
|--------------------------------------|-------------|
| Screw & Hole Thread Size             | M12         |
| M8/M12 Cable Assembly Mounting Angle | Right Angle |

### Housing Features

|                                        |          |
|----------------------------------------|----------|
| M8/M12 Cable Assembly Housing Material | GF Nylon |
|----------------------------------------|----------|

### Dimensions

|                       |         |
|-----------------------|---------|
| Wire Size             | 22 AWG  |
| Cable Assembly Length | 5000 mm |

### Operation/Application

|                         |                 |
|-------------------------|-----------------|
| M8/M12 Application Type | Sensor/Actuator |
|-------------------------|-----------------|

### Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

### Other

|                   |     |
|-------------------|-----|
| Field Serviceable | Yes |
|-------------------|-----|

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|                                               |                                                                                                                                                        |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                                              |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                              |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUN 2020 (209)<br>Candidate List Declared Against: JAN 2020 (205)<br>SVHC > Threshold:<br>Pb (1.9% in Pb-Alloy in Copper) |



**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not applicable for solder process capability

**Product Compliance Disclaimer**

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # CAT-SE594-M1DD  
M12 A-CODE MALE R/A SINGLE ENDED CABLE

## Customers Also Bought



TE Part #T4010019041-000  
M8 Field Installable



TE Part #788188-1  
CPC SERIES 5



TE Part #213845-1  
POWERBAND CONTACTS



TE Part #T4112511051-000  
M12 F, 5P GOLD D\_CODE RA SHIELDED PG7



TE Part #T4161320004-004  
M12 A-CODE FEMALE STRT SINGLE END CABLE



TE Part #T4171220008-002  
M12 Panel Mount Wire



TE Part #T4161210003-003  
M12 A-CODE MALE R/A SINGLE ENDED CABLE



TE Part #T4161410004-003  
M12 A-CODE FEMALE R/A SINGLE ENDED CABL



## Documents

### Product Drawings

[RPC-M12-FR-4CON-PUR-5.0SH](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_T4161420004-005\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_T4161420004-005\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_T4161420004-005\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[M8 / M12 Connector System Catalog](#)

English

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### Product Specifications

[Application Specification](#)

English