

1SET313077R0000 ✓ ACTIVE

ENTRELEC | M12 Connector

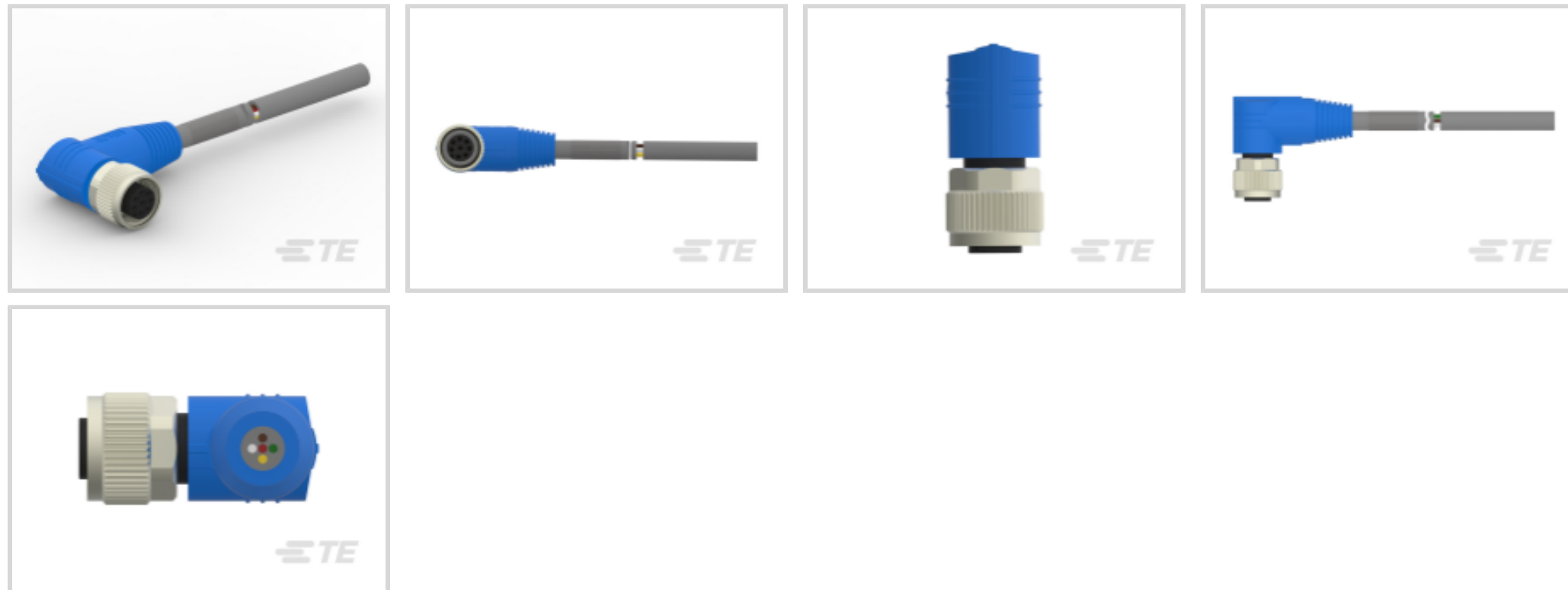
TE Internal #: 1SET313077R0000

M12 Pigtail Cable Assembly, 8 Position, 5 m, Sensor/Actuator,  
Code A, M12 Socket, Single Ended, GF Nylon

[View on TE.com >](#)



Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies



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

Number of Positions: **8**

Keying Code: **A**

Connector Type (End A): **M12 Socket**

Cable Assembly Type: **M12 Pigtail**

## Features

### Product Type Features

|                        |                |
|------------------------|----------------|
| LED                    | Without        |
| Cable Type             | PUR            |
| Product Type           | Cable Assembly |
| Assembly Type          | Pigtail        |
| Connector Type (End A) | M12 Socket     |
| Cable Assembly Type    | M12 Pigtail    |

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 8 |
| Keying Code         | A |

### Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 30 VDC |
|-------------------|--------|

### Body Features

|                    |             |
|--------------------|-------------|
| Cable Exit Angle   | Right Angle |
| Cable Jacket Color | Gray        |



|                    |              |
|--------------------|--------------|
| Conductor Material | Copper Alloy |
|--------------------|--------------|

### Mechanical Attachment

|                               |             |
|-------------------------------|-------------|
| Screw & Hole Thread Size      | M12         |
| Connector Orientation (End A) | Right Angle |

### Housing Features

|                  |          |
|------------------|----------|
| Housing Material | GF Nylon |
|------------------|----------|

### Operation/Application

|                         |                 |
|-------------------------|-----------------|
| M8/M12 Application Type | Sensor/Actuator |
| Shielded                | No              |

### Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

### Other

|                              |              |
|------------------------------|--------------|
| Field Serviceable            | Yes          |
| Cable Assembly Length        | 5 m          |
| Cable Assembly Configuration | Single Ended |

## 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: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Pb (4% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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 Low Halogen - contains Br or Cl > 900 ppm.   |
| Solder Process Capability                     | Not reviewed for solder process capability   |

#### Product Compliance Disclaimer

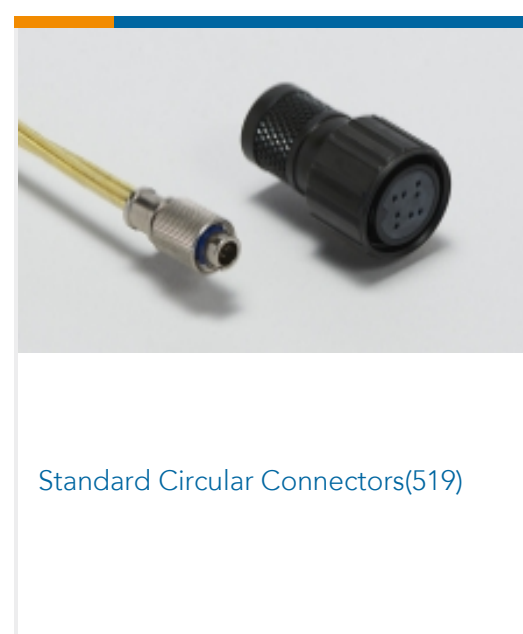
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



## Also in the Series | M12 Connector



## Documents

### Product Drawings

[M12-FR-8P-PUR-5.0](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1SET313077R0000\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SET313077R0000\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SET313077R0000\\_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

[Infographic - entrelec ews-linecard](#)

English

[Catalog - ENTRELEC-M8-M12-RJ45](#)

English

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### Product Specifications

[Application Specification](#)

English