

1SET311416R0000 ✓ ACTIVE

ENTRELEC | M8 Connector

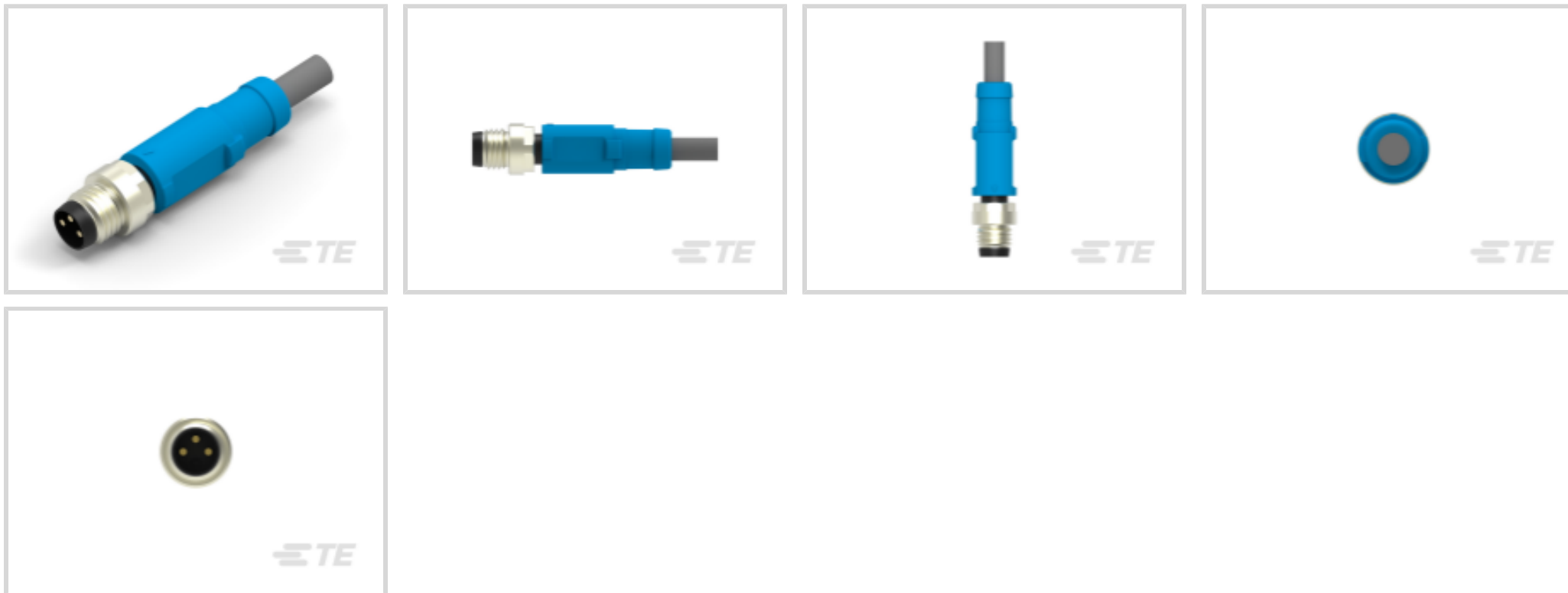
TE Internal #: 1SET311416R0000

M8 Pigtail Cable Assembly, 3 Position, 1 m, Sensor/Actuator, Code A, M8 Plug, Single Ended, Nylon

[View on TE.com >](#)



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



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

Number of Positions: **3**

Keying Code: **A**

Connector Type (End A): **M8 Plug**

Cable Assembly Type: **M8 Pigtail**

Features

Product Type Features

LED	Without
Cable Type	PUR
Product Type	Cable Assembly
Assembly Type	Pigtail
Connector Type (End A)	M8 Plug
Cable Assembly Type	M8 Pigtail

Configuration Features

Number of Positions	3
Keying Code	A

Electrical Characteristics

Operating Voltage	60 VAC
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Body Features

Wire Color	Brown, Blue, Black
Cable Exit Angle	Straight



Environmental Protection	With
Cable Jacket Color	Gray
Insulation Material	PUR
Conductor Material	Copper Alloy

Contact Features

Contact Current Rating	3 A
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Mechanical Attachment

Screw & Hole Thread Size	M8
Connector Orientation (End A)	Straight

Housing Features

Housing Material	Nylon
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Dimensions

Wire Size	.25 mm ²
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Operation/Application

M8/M12 Application Type	Sensor/Actuator
Shielded	No

Other

Cable Assembly Length	1 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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

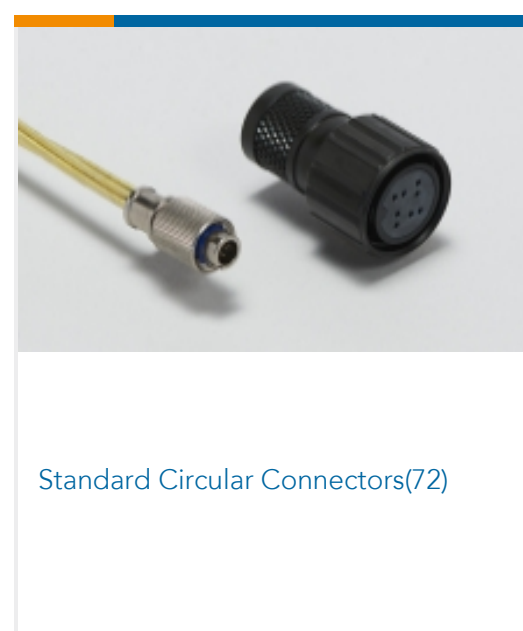
Product Compliance Disclaimer

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 | M8 Connector



Documents

Product Drawings

M8-MS-3P-PUR-1.0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SET311416R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SET311416R0000_A.3d_igs.zip

1SET311416R0000

M8 Pigtail Cable Assembly, 3 Position, 1 m, Sensor/Actuator, Code A, M8 Plug,
Single Ended, Nylon



English

Customer View Model

[ENG_CVM_CVM_1SET311416R0000_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Infographic - entrelec ews-linecard](#)

English

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

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English