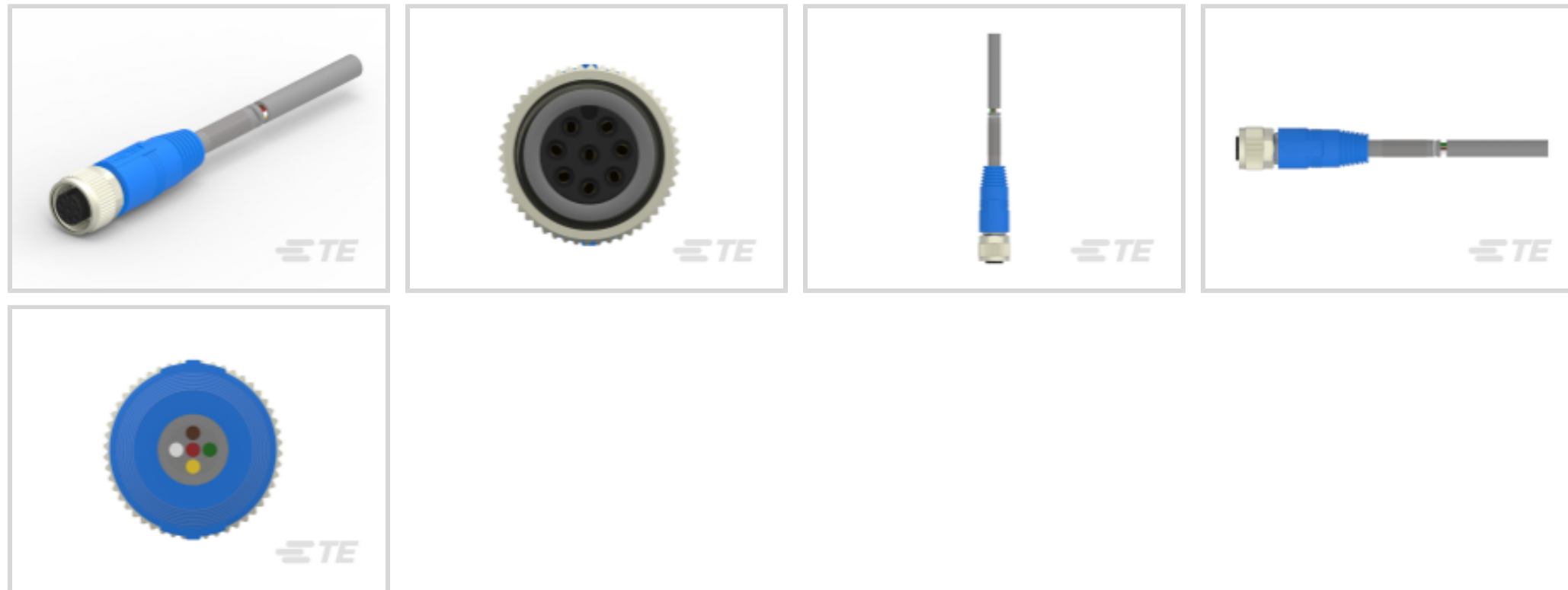# 1SET314207R0000 ✔ ACTIVE

ENTRELEC | M12 Connector

TE Internal #: 1SET314207R0000

M12 Pigtail Cable Assembly, 8 Position, 3 m, Sensor/Actuator, Code A, M12 Socket, Shielded, Single Ended, GF Nylon

View on TE.com >

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	Straight
Cable Jacket Color	Gray

Conductor Material	Copper Alloy

Mechanical Attachment

Screw & Hole Thread Size	M12
Connector Orientation (End A)	Straight

Housing Features

Housing Material	GF Nylon

Operation/Application

M8/M12 Application Type	Sensor/Actuator
Shielded	Yes

Other

Field Serviceable	Yes
Cable Assembly Length	3 m
Cable Assembly Configuration	Single Ended

Product Compliance

For compliance documentation, visit the product page on TE.com>

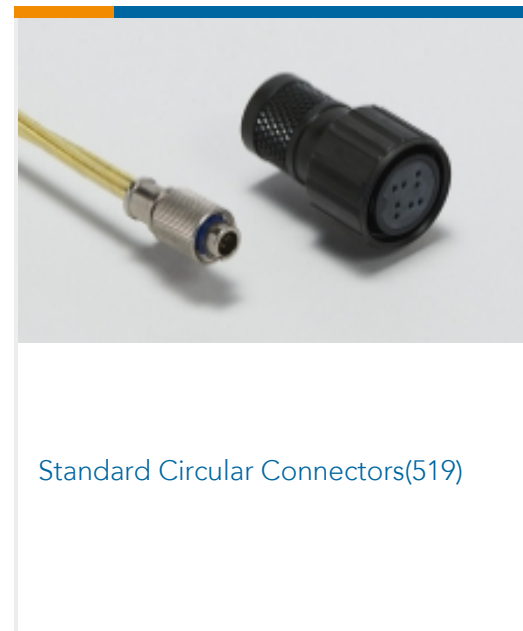| EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Not Yet Reviewed
Halogen 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling

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based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 1SET314067R0000
M12-MS-8P-PUR-3.0-SH

Also in the Series | M12 Connector

M8/M12 Cable Assemblies(230)

Standard Circular Connectors(519)

Documents

Product Drawings

M12-FS-8P-PUR-3.0-SH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SET314207R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SET314207R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SET314207R0000_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