1SET315397R0000 ✔ ACTIVE

ENTRELEC | M12 Connector
TE Internal #: 1SET315397R0000

M12 Pigtail Cable Assembly, 4 Position, 5 m, Industrial Ethernet, PROFINET, Code D, M12 Plug, Shielded, Double Ended, PA66+25GF

View on TE.com >

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

M8/M12 Application Type: **Industrial Ethernet**

Industrial Protocols: **PROFINET**

Number of Positions: **4**

Keying Code: **D**

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

Features

Product Type Features

LED	Without
Product Type	Cable Assembly
Cable Type	PVC
Assembly Type	Overmolded
Connector Type (End A)	M12 Plug
Cable Assembly Type	M12 Pigtail

Configuration Features

Number of Strands	7
Number of Positions	4
Keying Code	D

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Environmental Protection	IP67

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Conductor Material	Tinned Copper
Connector Color	Black
Wire Color	Yellow-Orange-White-Blue
Cable Jacket Color	Green

Contact Features

Contact Current Rating	4 A

Mechanical Attachment

Connector Orientation (End A)	Straight
Connector Orientation (End B)	Right Angle

Housing Features

Housing Material	PA66+25GF

Dimensions

Overall Outside Cable Diameter	6.5 mm
Wire Size	22 AWG

Operation/Application

M8/M12 Application Type	Industrial Ethernet
Shielded	Yes

Industry Standards

Industrial Protocols	PROFINET

Packaging Features

Packaging Method	Bag
Packaging Quantity	2

Other

Cable Assembly Length	5 m
Cable Assembly Configuration	Double 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

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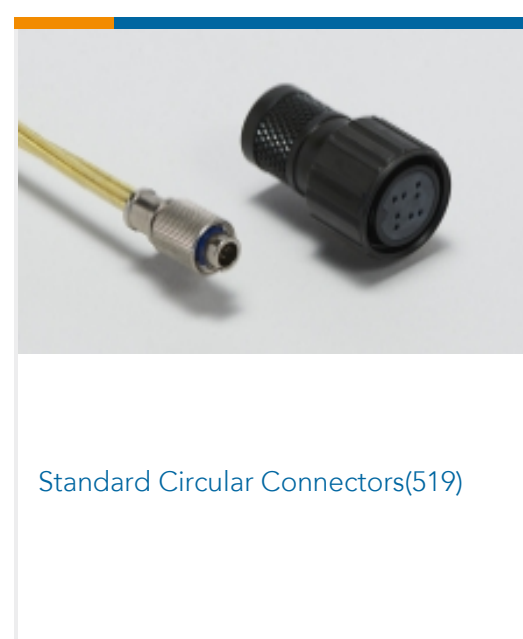| EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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 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 # 1SET315324R0000
M12D4-MR-PVC TYPE B-5.0M

Also in the Series | M12 Connector

M8/M12 Cable Assemblies(230)

Standard Circular Connectors(519)

Documents

Product Drawings

1SET315397R0000

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M12 Plug, Shielded, Double Ended, PA66+25GF

M12D4-MS-MR-PVC TYPE B-5.0M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SET315397R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SET315397R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SET315397R0000_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