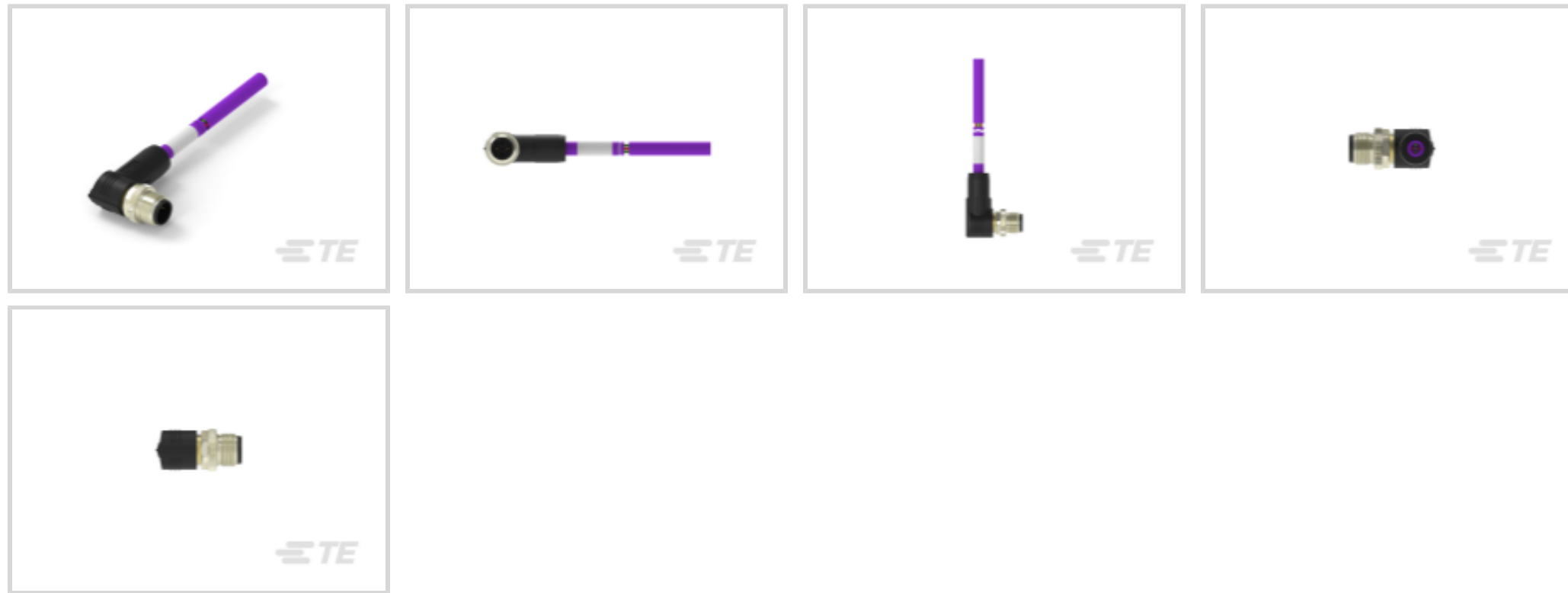# 1SET315199R0000 ✔ ACTIVE

ENTRELEC | M12 Connector

TE Internal #: 1SET315199R0000

M12 Pigtail Cable Assembly, 2 Position, 1 m, Industrial Fieldbus, PROFIBUS, Code B, M12 Plug, Shielded, Single Ended, PA66+25GF

View on TE.com >

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

Industrial Protocols: **PROFIBUS**

Number of Positions: **2**

Keying Code: **B**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Keying Code	B

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Cable Exit Angle	Right Angle
Environmental Protection	IP67

1SET315199R0000

M12 Pigtail Cable Assembly, 2 Position, 1 m, Industrial Fieldbus, PROFIBUS, Code B,
M12 Plug, Shielded, Single Ended, PA66+25GF

Conductor Material	Copper Alloy
Connector Color	Black
Cable Jacket Color	Violet

Contact Features

Contact Current Rating	4 A

Mechanical Attachment

Connector Orientation (End A)	Right Angle

Housing Features

Housing Material	PA66+25GF

Dimensions

Overall Outside Cable Diameter	8 mm
Wire Size	22 AWG

Operation/Application

M8/M12 Application Type	Industrial Fieldbus
Shielded	Yes

Industry Standards

Industrial Protocols	PROFIBUS

Packaging Features

Packaging Method	Bag
Packaging Quantity	5

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 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) Candidate List Declared Against: JUNE 2022 (224)

M12 Pigtail Cable Assembly, 2 Position, 1 m, Industrial Fieldbus, PROFIBUS, Code B,
M12 Plug, Shielded, Single Ended, PA66+25GF

SVHC > Threshold:

Pb (1.9% in Component Part)

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.

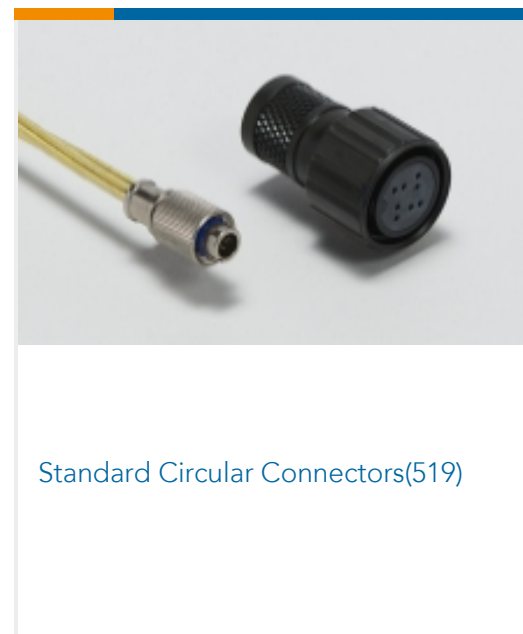|	
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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

TE Part # 1SET315231R0000
M12B2-FR-PUR TORSION-1.0M

TE Part # 1SET315247R0000
M12B2-MS-FS-PUR TORSION-1.0M

Also in the Series | M12 Connector

M8/M12 Cable Assemblies(230)

Standard Circular Connectors(519)

Documents

Product Drawings

M12B2-MR-PUR TORSION-1.0M

1SET315199R0000

M12 Pigtail Cable Assembly, 2 Position, 1 m, Industrial Fieldbus, PROFIBUS, Code B,
M12 Plug, Shielded, Single Ended, PA66+25GF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SET315199R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SET315199R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SET315199R0000_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