1SET315174R0000 ACTIVE

ENTRELEC | M12 Connector

TE Internal #: 1SET315174R0000

M12 Pigtail Cable Assembly, 2 Position, .5 m, Industrial Fieldbus, PROFIBUS, Code B, M12 Plug, Shielded, Single Ended, PA66+25GF

View on TE.com >

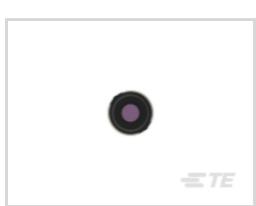


Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies











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

Treader Type reatares	
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	В
Electrical Characteristics	
Operating Voltage	250 VDC
Body Features	
Cable Exit Angle	Straight

IP67

Environmental Protection



Conductor Material	Copper Alloy
Connector Color	Black
Cable Jacket Color	Violet
Contact Features	
Contact Current Rating	4 A
Mechanical Attachment	
Connector Orientation (End A)	Straight
Housing Features	
Housing Material	PA66+25GF
Dimensions	
Overall Outside Cable Diameter	7.8 mm
Wire Size	24 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	.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) Not Yet Reviewed



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 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

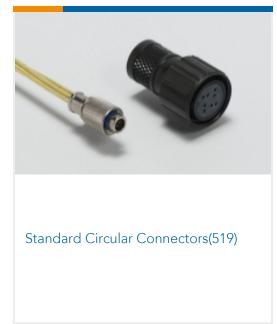






Also in the Series M12 Connector





Documents

Product Drawings M12B2-MS-PUR-0.5M

English

M12 Pigtail Cable Assembly, 2 Position, .5 m, Industrial Fieldbus, PROFIBUS, Code B, M12 Plug, Shielded, Single Ended, PA66+25GF



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SET315174R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SET315174R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SET315174R0000_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