Cable Assemblies > Copper Cable Assemblies > Sensor Cable Assemblies > M12 A-CODE MS-FS DOUBLE ENDED CABLE

RPC-M12-4MS-1.0SH-M12-4FS-PUR



TE Part # **T4162123004-002** TE Internal #: **T4162123004-002**

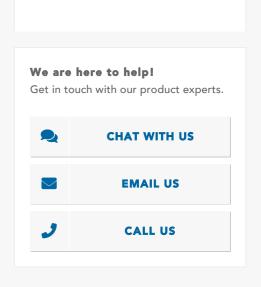
All M12 A-CODE MS-FS DOUBLE ENDED **CABLE (92)**

Connector Type: Plug/Receptacle

Number of Positions: 4

Keying: A

Housing Material: GF Nylon Cable Assembly Type : $\mathbf{M12}$ to $\mathbf{M12}$





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Compatible Parts & Tooling

DOCUMENTS FEA	ATURES PRODUCT COMPLIANCE				
Product Description	M12 A-code Male Straight to Female Straight Assemblies are offered in 2 up to 5 positions PUR/PVC, Shielded & non-shielded, up to 10m length View All M12 A-CODE MS-FS DOUBLE ENDED CABLE (92)				
Product Drawings	RPC-M12-4MS-1.0SH-M12-4FS-PUR RPC-M12-4MS-1.0SH-M12-4FS-PUR English				
CAD Files	3D PDF 3D CVM_CVM_T4162123004-002_A.pdf 3D Customer View Model ENG_CVM_CVM_T4162123004- 002_A.2d_dxf.zip English				
	LENG_CVM_CVM_T4162123004- 002_A.3d_igs.zip English LENG_CVM_CVM_T4162123004- 002_A.3d_stp.zip English				
Datasheets & Catalog Pages	M8/M12 Sensor Actuator Cable Assemblies Datasheet Left ENG_DS_1-1773966-2_0119.pdf English				
Product Specifications	Application Specification Let ENG_SS_114-137144_A1.pdf English				

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Product Description

M12 A-code Male Straight to Female Straight
Assemblies are offered in 2 up to 5 positions
PUR/PVC, Shielded & non-shielded, up to 10m

length

View All M12 A-CODE MS-FS DOUBLE

ENDED CABLE (92)

Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type

Assembly Type : Pigtail

Features

Connector Type: **Plug/Receptacle**Cable Assembly Type: **M12 to M12**

Shielded: **Yes**Cable Type: **PUR**

Product Type: Cable Assembly

LED: Without

Configuration

Number of Positions: 4

Features

Keying: A

Configuration: Double-Ended

Electrical Characteristics

Operating Voltage (VDC): 250

Operating Voltage (VAC): 250

Body Features

Cable Jacket Color: Gray

Insulation Material: PUR

Wire Color: Brown, White, Blue, Black

Connector Color: Blue

Conductor Material: Copper Alloy Environmental Protection: With Cable Exit Angle: Straight

Contact Features

Contact Current Rating (A): 4

Mechanical Attachment Screw & Hole Thread Size : $M12 \times M12$

Housing Features

Housing Material: GF Nylon

Dimensions

Cable Assembly Length (mm): 1000

Wire Size (mm²): .34
Wire Size (AWG): 22

Other

Field Serviceable : Yes

EU RoHS Directive 2011/65/EU Exemptions:

6(c) - Pb-Alloy in Copper

EU RoHS Directive with Exemptions:

6(c) - Pb-Alloy in Copper

Phthalates Amendment 2011/65/EU, 2015/863/EU

The 4 Phthalates substances of amendment 2015/863/EU only become restricted as of 22 July 2019 for all electrical and electronic equipment, apart from Categories 8 (medical devices) and 9 (monitoring and control equipment) for which the restriction applies as of 22 July 2021.

EU ELV Directive 2000/53/EC

China RoHS 2 Directive MIIT Order No 32, 2016

部件名称 (Component Name) T4162123004-002	有害物质 (Hazardous Substance)						
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价 铬 (Cr6)	多溴联 苯 (PBB)	多溴二苯 醚 (PBDE)	
连 接器系 统 (Connector Systems)	Χ	0	0	0	0	0	

本表格依据SJ/T 11364标准的规定编制。This table is compiled according to SJ/T 11364 standard.

〇:表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572标准规定的限量要求以下。

Indicates that the concentration of the hazardous substance in all homogeneous materials of the part is below the relevant threshold of the GB/T 26572 standard.

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572标准规 定的限量要求。

Indicates that the concentration of the hazardous substance in at least one homogeneous material of the part is above the relevant threshold of the GB/T 26572 standard.

电子电气产品的环保使用期限依据SJ/T 11388标准的规定确定。 The EFUP value of EEP is defined according to SJ/T 11388 standard.

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2019 (197)

Halogen Content

Solder Process Capability Not applicable for solder process capability

Statement of Compliance

Statement of Compliance pdf

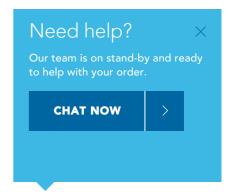
Compliance Documents

There may be Environmental Compliance related documents on the DOCUMENTATION Tab

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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, 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 in 2018.



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