RPC-M12-4MS-7.0SH-M12-4FR-PVC







TE Part # **T4162114004-006**
TE Internal #: **T4162114004-006**
All M12 A-CODE MS-FR DOUBLE ENDED CABLE (92)

Connector Type : **Plug/Receptacle**
Number of Positions : **4**
Keying : **A**
Housing Material : **GF Nylon**
Cable Assembly Type : **M12 to M12**

Compatible Parts & Tooling

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DOCUMENTS | FEATURES | PRODUCT COMPLIANCE

Product Description

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

View All M12 A-CODE MS-FR DOUBLE ENDED CABLE (92)

Product Drawings

RPC-M12-4MS-7.0SH-M12-4FR-PVC

RPC-M12-4MS-7.0SH-M12-4FR-PVC English

CAD Files

3D PDF

3D_CVM_CVM_T4162114004-006_A.pdf 3D

Customer View Model

ENG_CVM_CVM_T4162114004-006_A.2d_dxf.zip English

ENG_CVM_CVM_T4162114004-006_A.3d_igs.zip English

ENG_CVM_CVM_T4162114004-006_A.3d_stp.zip English

Datasheets & Catalog Pages

M8/M12 Sensor Actuator Cable Assemblies Datasheet

ENG_DS_1-1773966-2_0119.pdf English

Product Specifications

Application Specification

ENG_SS_114-137144_A1.pdf English

Product Specification

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ENG_SS_108-106140_A3.pdf English

Product Description	M12 A-code Male Straight to Female R/A Assemblies are offered in 2 up to 5 positions PUR/PVC, Shielded & non-shielded, up to 10m length. View All M12 A-CODE MS-FR 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 Features	Assembly Type : **Pigtail** Connector Type : **Plug/Receptacle** Cable Assembly Type : **M12 to M12** Shielded : **Yes** Cable Type : **PVC** Product Type : **Cable Assembly** LED : **Without**
Configuration Features	Number of Positions : **4** Keying : **A** Configuration : **Double-Ended**
Electrical Characteristics	Operating Voltage (VDC): **250** Operating Voltage (VAC): **250**
Body Features	Cable Jacket Color : **Black** Insulation Material : **PVC** Wire Color : **Brown, White, Blue, Black** Connector Color : **Blue** Conductor Material : **Copper Alloy** Environmental Protection : **With** Cable Exit Angle : **Right Angle**
Contact Features	Contact Current Rating (A): **4**
Mechanical Attachment	Screw & Hole Thread Size : **M12 x M12**
Housing Features	Housing Material : **GF Nylon**
Dimensions	Cable Assembly Length (mm): **7000** Wire Size (mm^2): **.34** Wire Size (AWG): **22**
Other	Field Serviceable : **Yes**

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EU RoHS Directive 2011/65/EU	Exemptions: 6(c) - Pb-Alloy in Copper
EU RoHS Directive with 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) T4162114004-006	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)	X	O	O	O	O	O

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.

O: 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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