



TE Internal #: TCX38721112-005

M8/M12 Cable Assemblies, Industrial Ethernet, Ethernet, 8 Positions, X M8/M12 Cable Assembly Keying, Plug/Plug, M12 to RJ45, Straight-Straight

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



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

Number of M8/M12 Cable Assembly Positions: **8**

Industrial Protocols: **Ethernet**

M8/M12 Cable Assembly Keying: **X**

M8/M12 Cable Assembly Connector Type: **Plug/Plug**

Features

Product Type Features

LED	Without
Cable Type	PVC
Product Type	Cable Assembly
Assembly Type	Overmolded
M8/M12 Cable Assembly Connector Type	Plug/Plug
M8/M12 Cable Assembly Type	M12 to RJ45
M8/M12 Cable Assembly Shielded	Yes

Configuration Features

Number of M8/M12 Cable Assembly Positions	8
M8/M12 Cable Assembly Keying	X
M8/M12 Cable Assembly Configuration	Double Ended

Electrical Characteristics

Operating Voltage	30 VDC
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Body Features

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Connector Color	Black
Cable Exit Angle	Straight
Conductor Material	Copper Alloy
Cable Jacket Color	Green

Mechanical Attachment

M8/M12 Cable Assembly Mounting Angle	Straight-Straight
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Housing Features

M8/M12 Cable Assembly Housing Material	PA66+25GF
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Dimensions

Overall Outside Cable Diameter	6.9 mm
Wire Size	26 AWG
Cable Assembly Length	5000 mm

Operation/Application

M8/M12 Application Type	Industrial Ethernet
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Industry Standards

Industrial Protocols	Ethernet
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Packaging Features

Packaging Method	Bag
Packaging Quantity	2

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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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



Documents

Product Drawings

[RPC-M12X-8MS-5.0SH-RJ45-8MS-PVC](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_TCX38721112-005_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TCX38721112-005_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TCX38721112-005_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Virtual Sample Kit - M12 X-Code-Cordsets](#)

English

Product Specifications



Application Specification

English