

TE Internal #: 2273111-3

M8 to M12 Cable Assembly, 4 Position, 1 m, Sensor/Actuator, Code

A, M8 Socket, M12 Plug, Double Ended, Plastic

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Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M8 FS - M12 MS Cable Assembly BL



M8/M12 Application Type: Sensor/Actuator

Number of Positions: 4

Connector & Keying Code: A

Connector Type (End A): M8 Socket
Connector Type (End B): M12 Plug

All M8 FS - M12 MS Cable Assembly BL (20)

Features

Product Type Features

Connector Type (End A)	M8 Socket
Connector Type (End B)	M12 Plug
Cable Assembly Type	M8 to M12
Configuration Features	
Number of Positions	4
Electrical Characteristics	
Operating Voltage	30 VAC
Body Features	
Cable Color	Black
Connector Color (End B)	Black
Connector Color (End A)	Black
Jacket Material	PUR
Wire Color (Base)	Brown, White, Blue, Black

Contact Features

Contact Current Rating (Max) 4 A	4 A
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Α

Mechanical Attachment

Connector & Keying Code



Thread Size	M12 x M8
Connector Orientation (End A)	Straight
Connector Orientation (End B)	Straight
Housing Features	
Housing Material	Plastic
Dimensions	
Outside Cable Diameter	4.4 mm[.173 in]
Wire Size	.326 mm ²
Usage Conditions	
Operating Temperature Range	-40 - 80 °C[-40 - 176 °F]
Operation/Application	
Operation/Application M8/M12 Application Type	Sensor/Actuator
	Sensor/Actuator No
M8/M12 Application Type	
M8/M12 Application Type Shielded	
M8/M12 Application Type Shielded Packaging Features	No
M8/M12 Application Type Shielded Packaging Features Packaging Method	No

Product Compliance

Cable Assembly Configuration

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Double Ended



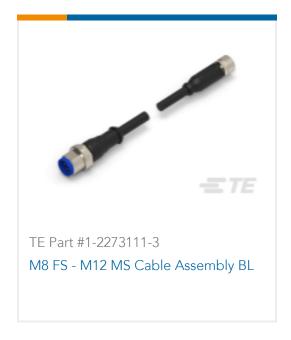
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

M8 strgt socket to M12 strgt plug AA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2273111-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2273111-3_A.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_2273111-3_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

M8 / M12 Connector System Catalog

Japanese

Product Specifications

Product Specification

English