



TE Internal #: 2273110-4
M8/M12 Cable Assemblies, Sensor/Actuator, 3 Position, A Keying
Code, M8 Socket, M12 Plug, M8 to M12, Straight Connector
Orientation (End A)
[View on TE.com >](#)

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: **3**
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

Product Type	Cable Assembly
Cable Type	PUR
Connector Type (End A)	M8 Socket
Connector Type (End B)	M12 Plug
Cable Assembly Type	M8 to M12

Configuration Features

Number of Positions	3
Keying Code	A

Electrical Characteristics

Operating Voltage	60 VDC
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Body Features

Connector Color	Blue
Wire Color	Brown, Blue, Black
Cable Jacket Color	Black
Insulation Material	PUR

Contact Features

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Contact Current Rating	4 A
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Mechanical Attachment

Screw & Hole Thread Size	M12 x M8
Connector Orientation (End A)	Straight
Connector Orientation (End B)	Straight

Housing Features

Housing Material	Plastic
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Dimensions

Overall Outside Cable Diameter	4.1 mm[.161 in]
Wire Size	.326 mm²

Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
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Operation/Application

M8/M12 Application Type	Sensor/Actuator
Shielded	No

Packaging Features

Packaging Method	Box
Packaging Quantity	1/Carton

Other

Field Serviceable	Yes
Cable Assembly Length	1.5 m
Cable Assembly Configuration	Double Ended

Product Compliance

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 2022 (224) 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

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



Documents

Product Drawings

M8 strgt socket to M12 strgt plug AA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2273110-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2273110-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2273110-4_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

Product Specifications
Product Specification

English