



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
Connector & Keying Code	A

Contact Features

Contact Current Rating (Max)	4 A
------------------------------	-----

Mechanical Attachment



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 mm²

Usage Conditions

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

Operation/Application

M8/M12 Application Type	Sensor/Actuator
Shielded	No

Packaging Features

Packaging Method	Box
------------------	-----

Other

Field Serviceable	Yes
Cable Assembly Length	1 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 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



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>

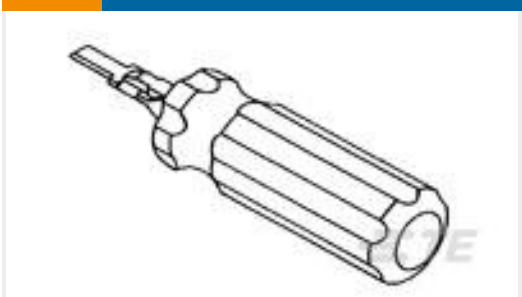
Compatible Parts



TE Part # T4051120004-002

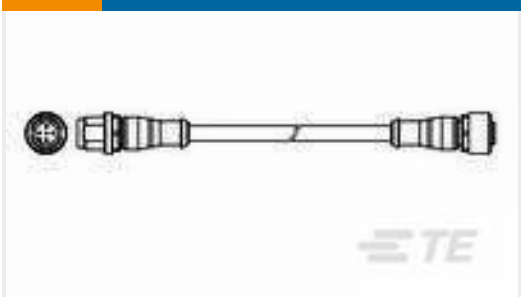
M8 CABLE ST MALE 1.0M 4P PUR CABLE

Customers Also Bought



TE Part #305183

EXTRACT TOOL TYPE 2 20-16



TE Part #2273114-4

M12 strgt plug to M12 strgt socket AA

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