



Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M8 MS - M12 FS CABLE ASSY BL



Cable Assembly Type: M8 to M12

Number of Positions: 4

Cable Assembly Length: 1 m

M8/M12 Application Type: Sensor/Actuator

Connector & Keying Code: A

All M8 MS - M12 FS CABLE ASSY BL (19)

Features

Product Type Features

|                        |            |
|------------------------|------------|
| Cable Assembly Type    | M8 to M12  |
| Cable Assembly (End A) | M8 Plug    |
| Cable Assembly (End B) | M12 Socket |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 4 |
|---------------------|---|

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 34 VDC |
|-------------------|--------|

Body Features

|                         |                           |
|-------------------------|---------------------------|
| Jacket Material         | PUR                       |
| Connector Color (End B) | Black                     |
| Connector Color (End A) | Black                     |
| Cable Color             | Black                     |
| Wire Color (Base)       | Brown, White, Blue, Black |
| Connector & Keying Code | A                         |

Contact Features

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

Mechanical Attachment



|                               |          |
|-------------------------------|----------|
| Thread Size                   | M8 x M12 |
| 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              | 22 AWG          |

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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2022 (223)<br>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 # T4051320004-002  
M8 CABLE ST FEMALE 1.0M 4P PUR CABLE

Customers Also Bought



TE Part #788159-2  
SLD CPC RCPT ASSY,13-9,STD SEX



TE Part #36917  
TERMINAL,SOLIS R 1/0 3/8



TE Part #1776293-5  
TSB23005DS=EUROPA TERM BLK, 8MM



TE Part #34115  
SOLIS R 22-16COMM 22-18MIL 3/8



TE Part #CAT-AM7801-CH8172  
AMPSEAL 16 Housings



TE Part #2-34122-1  
TERMINAL,SOLIS R 16-14 8



TE Part #TAA75AA1611-002  
M12A5-MR-FS-PVC-1.0M

Documents

Product Drawings  
M8 strgt plug to M12 strgt socket AA  
English



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2273109-3\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2273109-3\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2273109-3\_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