TE Internal #: 2273115-5

M12 Cable Assembly, 8 Position, 2 m, Sensor/Actuator, Code A,

M12 Plug, M12 Socket, Double Ended, Plastic

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



M8/M12 Application Type: Sensor/Actuator

Number of Positions: 8

Connector & Keying Code: A

Connector Type (End A): M12 Plug

Connector Type (End B): M12 Socket

All M12 MS-FS Double End Cable Assembly BL (18)

### **Features**

## **Product Type Features**

Connector Type (End A)	M12 Plug
Connector Type (End B)	M12 Socket
Cable Assembly Type	M12

### **Configuration Features**

Number of Positions	8	

#### **Electrical Characteristics**

Operating Voltage 30 VAC
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## **Body Features**

Cable Color	Gray
Connector Color (End A)	Blue
Jacket Material	PUR
Wire Color (Base)	Brown, White, Blue, Black, Gray, Pink, Violet, Orange
Connector & Keying Code	A

## **Contact Features**

Contact Current Rating (Max)	2 A	
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#### **Mechanical Attachment**



Thread Size	M12 x M12
Connector Orientation (End A)	Straight
Connector Orientation (End B)	Straight
Housing Features	
Housing Material	Plastic
Dimensions	
Outside Cable Diameter	6 mm[.236 in]
Wire Size	.205 mm <sup>2</sup>
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

## **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



















TE Part #YB81516F1885P1V0A1
PLUG ASSY

## **Documents**

## **Product Drawings**

M12 strgt plug to M12 strgt socket AA

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2273115-5\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2273115-5\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2273115-5\_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** 

**Application Specification** 

English