TE Internal #: 1-2273117-1

M12 Cable Assembly, 4 Position, .3 m, Sensor/Actuator, A Code,

M12 Plug End A, M12 Socket End B, Double Ended, Plastic

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



Cable Assembly Type: M12

Number of Positions: 4

Cable Assembly Length: .3 m

M8/M12 Application Type: Sensor/Actuator

Connector & Keying Code: A

All M12 MS-FR Double End Cable Assembly BL (9)

#### **Features**

## **Product Type Features**

Cable Assembly Type	M12
Cable Assembly (End A)	M12 Plug
Cable Assembly (End B)	M12 Socket
Configuration Features	

# **Electrical Characteristics**

Number of Positions

Operating Voltage	250 VDC	

#### **Body Features**

Body Features	
Jacket Material	PVC
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	M12 x M12
Connector Orientation (End A)	Straight
Connector Orientation (End B)	Right Angle
Housing Features	
Housing Material	Plastic

#### **Dimensions**

Outside Cable Diameter	5 mm[.196 in]
Wire Size	22 AWG

# **Usage Conditions**

Operating Temperature Range	-30 - 80 °C[-22 - 176 °F]

# Operation/Application

M8/M12 Application Type	Sensor/Actuator
Shielded	No

# Packaging Features

### Other

Field Serviceable	Yes
Cable Assembly Length	.3 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) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability



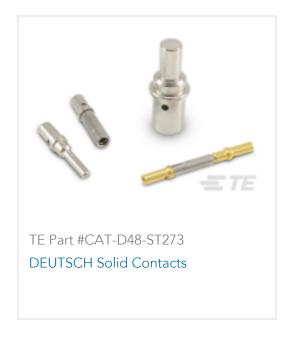
#### Product Compliance Disclaimer

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



# Customers Also Bought















#### **Documents**

CAD Files
3D PDF

3D

**Customer View Model** 



ENG\_CVM\_CVM\_1-2273117-1\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2273117-1\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2273117-1\_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