

# TAA545B1411-002 ✓ ACTIVE

TE Internal #: TAA545B1411-002

M8/M12 Cable Assemblies, Industrial Fieldbus, 4 Position, CC-link, A Keying, Plug/Receptacle, M12 to M12, Cable Assembly Length 1000 mm, Shielded

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Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > Fieldbus,CC-Link M12 A-Code 4pos DE PVC



M8/M12 Application Type: **Industrial Fieldbus**

Industrial Protocols: **CC-link**

Number of Positions: **4**

Keying: **A**

Connector Type: **Plug/Receptacle**

[All Fieldbus,CC-Link M12 A-Code 4pos DE PVC \(24\)](#)

## Features

### Product Type Features

LED	Without
Cable Type	PVC
Product Type	Cable Assembly
Assembly Type	Overmolded
Connector Type	Plug/Receptacle
Cable Assembly Type	M12 to M12
Shielded	Yes

### Configuration Features

Number of Positions	4
Keying	A
Configuration	Double Ended

### Electrical Characteristics

Operating Voltage	250 VDC
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### Body Features

Connector Color	Black
Environmental Protection	IP67
Conductor Material	Copper Alloy
Cable Jacket Color	Red

### Contact Features

Contact Current Rating	4 A
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### Housing Features

Housing Material	PA66+25GF
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### Dimensions

Overall Outside Cable Diameter	7.7 mm
Wire Size	20 – 22 AWG
Cable Assembly Length	1000 mm

### Operation/Application

M8/M12 Application Type	Industrial Fieldbus
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### Industry Standards

Industrial Protocols	CC-link
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### Packaging Features

Packaging Method	Bag
Packaging Quantity	5

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Pb (1.9% in Component Part)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201)

	Candidate List Declared Against: JUL 2019 (201)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



## Customers Also Bought





## Documents

### Product Drawings

[M12A4-MS-FS-PVC-1.0M](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_TAA545B1411-002\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_TAA545B1411-002\\_A.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_TAA545B1411-002\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[M12 FIELDBUS CABLE ASSEMBLY SOLUTIONS](#)

English

### Product Specifications

[M12 screw connection application specification](#)

English

[Product Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

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