

# TAB62646501-007 ✓ ACTIVE

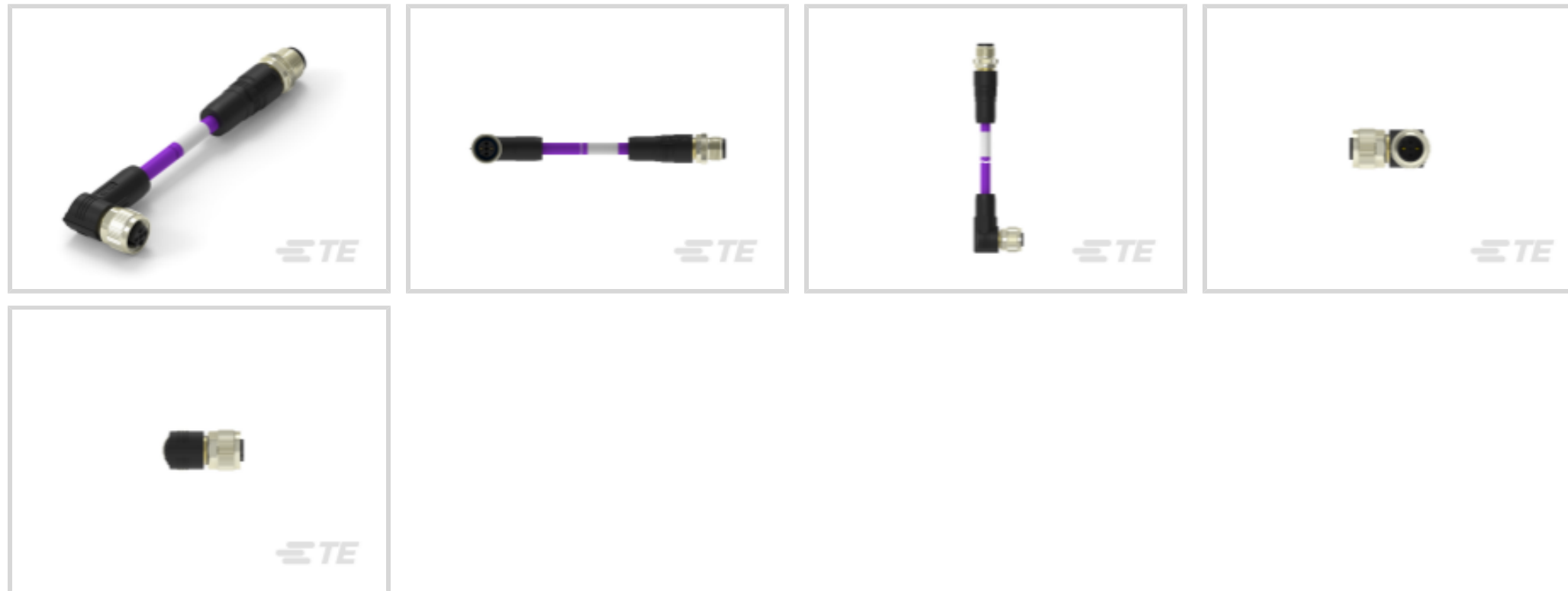
TE Internal #: TAB62646501-007

M8/M12 Cable Assemblies, Industrial Fieldbus, 2 Position, PROFIBUS, B Keying, Plug/Receptacle, M12 to M12, Cable Assembly Length 10000 mm, Shielded

[View on TE.com >](#)



Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > Fieldbus, PROFIBUS M12B2 PUR Torsion DE



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

Industrial Protocols: **PROFIBUS**

Number of Positions: **2**

Keying: **B**

Connector Type: **Plug/Receptacle**

[All Fieldbus, PROFIBUS M12B2 PUR Torsion DE \(24\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	2
Keying	B
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	Violet

### 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	8 mm
Wire Size	22 AWG
Cable Assembly Length	10000 mm

### Operation/Application

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

Industrial Protocols	PROFIBUS
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### Packaging Features

Packaging Method	Bag
Packaging Quantity	1

### 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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Pb (1.9% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

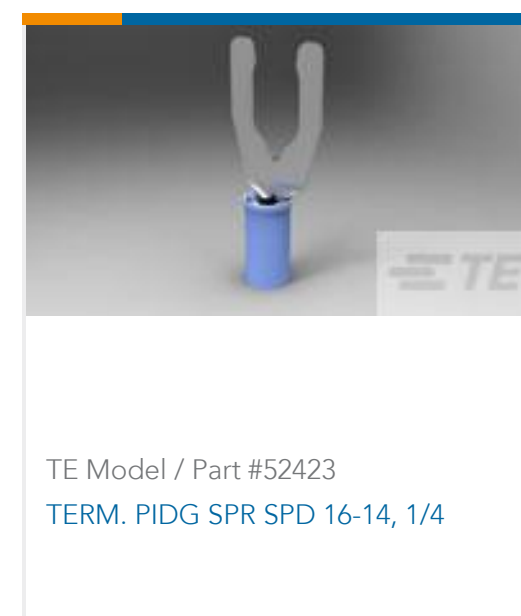
Product Compliance Disclaimer

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



## Customers Also Bought



## Documents

### Product Drawings

M12B2-MS-FR-PUR TORSION-10.0M

English

### CAD Files

3D PDF

3D

Customer View Model



[ENG\\_CVM\\_CVM\\_TAB62646501-007\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_TAB62646501-007\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_TAB62646501-007\\_A.3d\\_stp.zip](#)

English

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

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## Datasheets & Catalog Pages

[M8 / M12 Connector System Catalog](#)

English

[M8/M12 Cable Assemblies Brochure](#)

English

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## Product Specifications

[Application Specification](#)

English

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## Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English