

TAB62546501-020

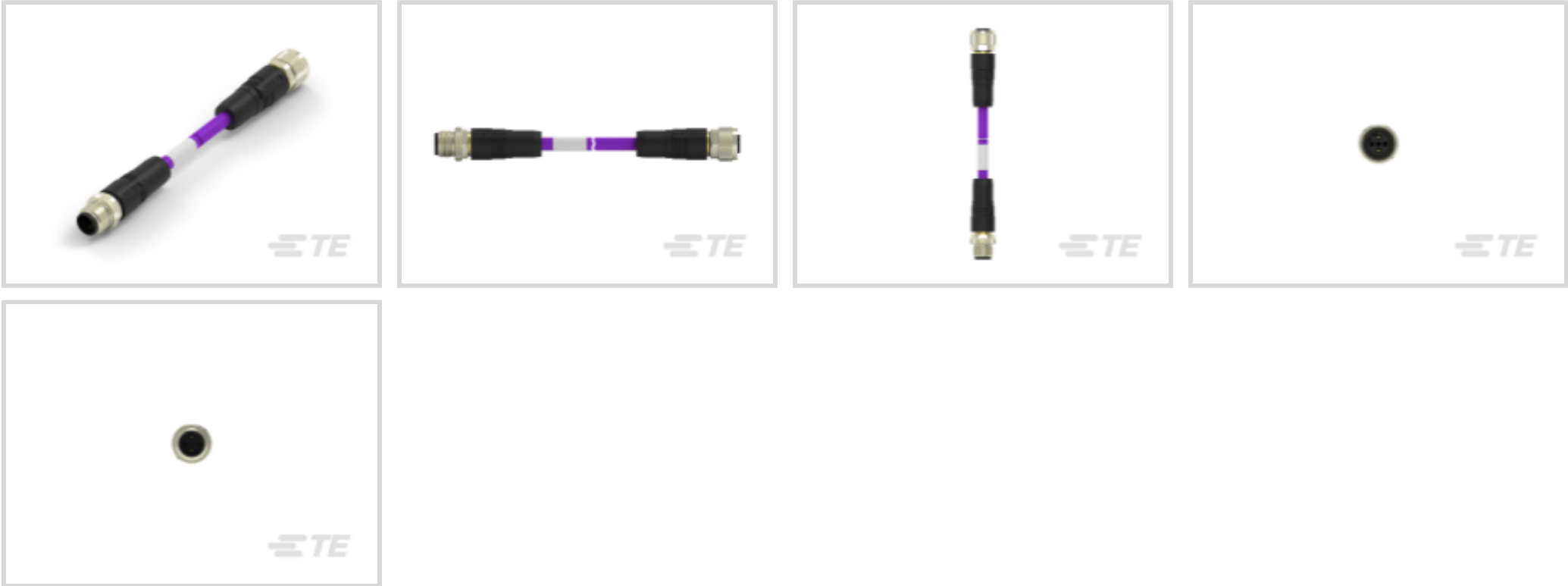
✓ ACTIVE

TE Internal #: TAB62546501-020  
M8/M12 Cable Assemblies, Industrial Fieldbus, 2 Position,  
PROFIBUS, B Keying, Plug/Receptacle, M12 to M12, Cable  
Assembly Length 2000 mm, Shielded

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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	2000 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	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	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 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

TE Model / Part # CAT-IN287-SI113F  
Fieldbus, PROFIBUS M12B 2pos PUR  
Torsion

Customers Also Bought

TE Model / Part #7-1393246-0  
W23-X1A1G-3=W23/W31

TE Model / Part #6-1393114-5  
KUHP-11AT1-120=KU

TE Model / Part #7-1393114-2  
KUHP-11DT1-12=KU

TE Model / Part #2-1393118-7  
KUP-14D35-24=KU



Documents

Product Drawings

M12B2-MS-FS-PUR TORSION-2.0M

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_TAB62546501-020\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_TAB62546501-020\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_TAB62546501-020\_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

English