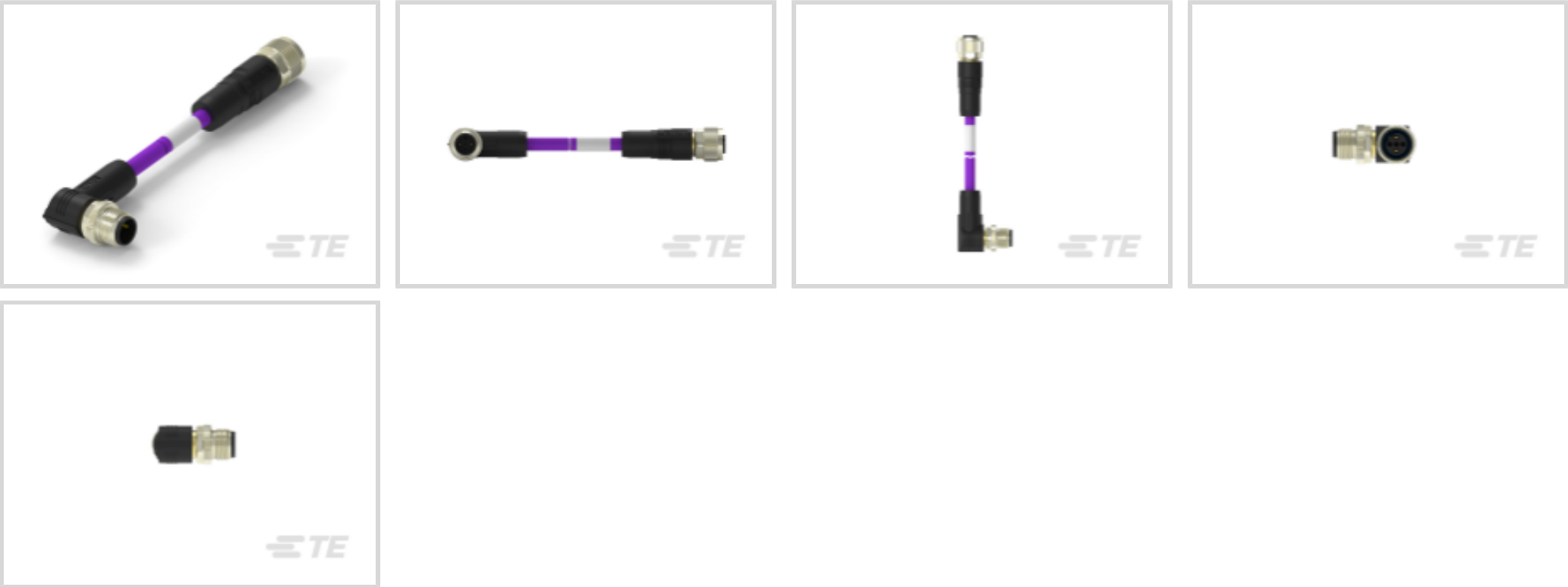




TE Internal #: TAB62A46501-001
M12 Cable Assembly, 2 Position, .5 m, Industrial Fieldbus,
PROFIBUS, Code B, M12 Plug, M12 Socket, Shielded, Double
Ended, PA66+25GF
[View on TE.com >](#)

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**
Connector & Keying Code: **B**
Cable Assembly Type: **M12**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	2
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Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Cable Color	Violet
Connector Color (End B)	Black
Connector Color (End A)	Black
Jacket Material	PUR
Conductor Material	Copper Alloy



Connector & Keying Code

B

Contact Features

Contact Current Rating (Max)

4 A

Mechanical Attachment

Connector Orientation (End A)

Right Angle

Connector Orientation (End B)

Straight

Housing Features

Housing Material

PA66+25GF

Dimensions

Outside Cable Diameter

8 mm

Wire Size

22 AWG

Operation/Application

M8/M12 Application Type

Industrial Fieldbus

Shielded

Yes

Industry Standards

IP Rating

IP67

Industrial Protocols

PROFIBUS

Packaging Features

Packaging Quantity

5

Packaging Method

Bag

Other

Cable Assembly Length

.5 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 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: JUNE 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)



SVHC > Threshold:
Pb (1.9% in Component Part)

Article Safe Usage Statements:
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
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Solder Process Capability	Not applicable for solder process capability
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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



TE Part # TAB62346501-001
M12B2-FS-PUR TORSION-0.5M

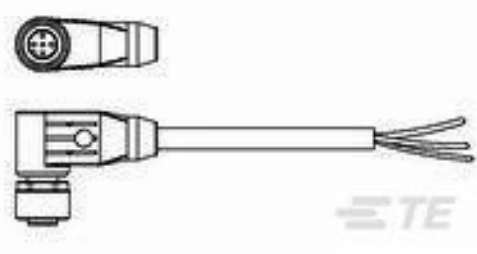
Customers Also Bought



TE Part #86-015G-C
15 PSIG MV PRESSURE SENSOR



TE Part #SL630-C01
5-24VDC,TTL(HI=DRY)OUT



TE Part #2273099-2
M12 x 1.0 angled socket pigt shld A



TE Part #2-2172067-2
M8 MALE R/A PNL.3P.PCB (AU)



Documents

Product Drawings

M12B2-MR-FS-PUR TORSION-0.5M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_TAB62A46501-001_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_TAB62A46501-001_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_TAB62A46501-001_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 Cable Assemblies Brochure

English

Product Specifications

Application Specification

English