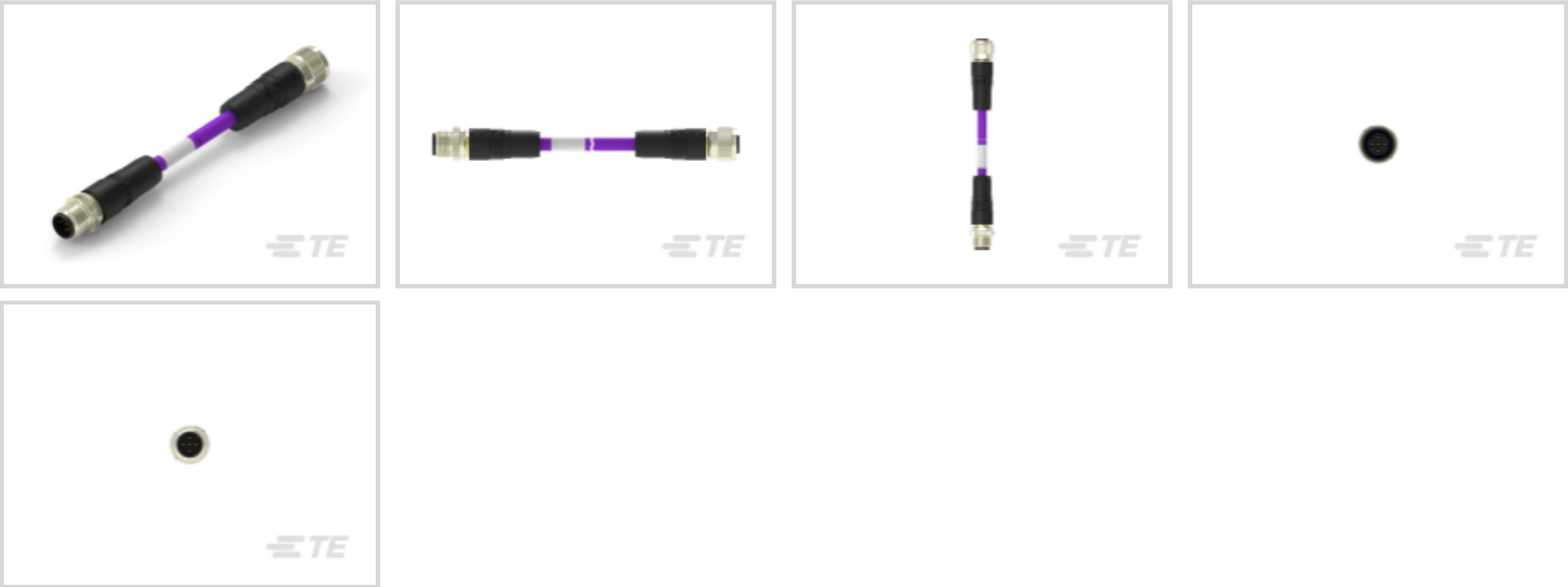




TE Internal #: TAA755A5501-002
M12 Cable Assembly, 5 Position, 1 m, Industrial Fieldbus,
DeviceNet, Code A, M12 Plug, M12 Socket, Shielded, Double
Ended, PA66+25GF
[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > Fieldbus,DeviceNet M12 A-Code 5p PUR DE



M8/M12 Application Type: **Industrial Fieldbus**
Industrial Protocols: **DeviceNet**
Number of Positions: **5**
Connector & Keying Code: **A**
Cable Assembly Type: **M12**

[All Fieldbus,DeviceNet M12 A-Code 5p PUR 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	5
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Electrical Characteristics

Operating Voltage	60 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	A
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Contact Features

Contact Current Rating (Max)	4 A
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Mechanical Attachment

Connector Orientation (End A)	Straight
Connector Orientation (End B)	Straight

Housing Features

Housing Material	PA66+25GF
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Dimensions

Outside Cable Diameter	6.9 mm
Wire Size	22 – 24 AWG

Operation/Application

M8/M12 Application Type	Industrial Fieldbus
Shielded	Yes

Industry Standards

IP Rating	IP67
Industrial Protocols	DeviceNet

Packaging Features

Packaging Quantity	5
Packaging Method	Bag

Other

Cable Assembly Length	1 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: JAN 2021 (211)



SVHC > Threshold:

Pb (1.9% in Component)

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	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 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 # TAA752A5501-002
M12A5-MR-PUR-1.0M

Customers Also Bought

TE Part #T4110002051-000
M12,FEMALE,STRAIGHT,A CODE,5P, PG9,GOLD

TE Part #T4171010005-001
M12,REAR MOUNTING,MALE,A,5P,0.2 M WIRE

TE Part #DTM06-12SD
DEUTSCH DTM Housings

TE Part #TAA755A5501-001
Fieldbus,DeviceNet M12 A-Code 5p PUR DE



Documents

Product Drawings

M12A5-MS-FS-PUR-1.0M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_TAA755A5501-002_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_TAA755A5501-002_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_TAA755A5501-002_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

M8/M12 Cable Assemblies Brochure

English

Product Specifications

Application Specification

English