

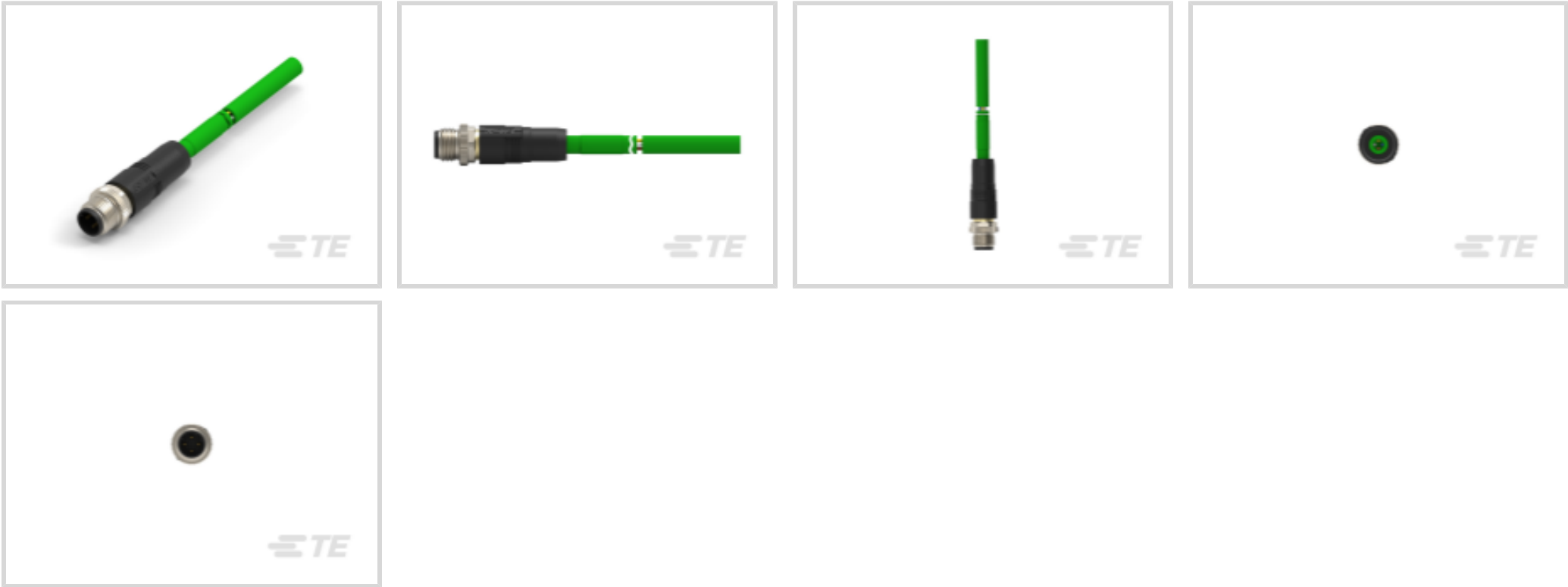


TE Internal #: TAD14145101-001

M12 Pigtail Cable Assembly, 4 Position, .5 m, Industrial Ethernet, PROFINET, Code D, M12 Plug, Shielded, Single Ended, PA66+25GF

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > Ethernet, Profinet M12 D-Code 4pos PUR



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

Industrial Protocols: **PROFINET**

Number of Positions: **4**

Connector & Keying Code: **D**

Connector Type (End A): **M12 Plug**

[All Ethernet, Profinet M12 D-Code 4pos PUR \(18\)](#)

Features

Product Type Features

Connector Type (End A)	M12 Plug
Cable Assembly Type	M12 Pigtail

Configuration Features

Number of Strands	19
Number of Positions	4

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Cable Color	Green
Connector Color (End A)	Black
Jacket Material	PUR
Wire Color (Base)	Yellow-Orange-White-Blue
Conductor Material	Tinned Copper



Connector & Keying Code		D
Contact Features		
Contact Current Rating (Max)		4 A
Mechanical Attachment		
Connector Orientation (End A)		Straight
Housing Features		
Housing Material		PA66+25GF
Dimensions		
Outside Cable Diameter		6.65 mm
Wire Size		22 AWG
Operation/Application		
M8/M12 Application Type		Industrial Ethernet
Shielded		Yes
Industry Standards		
IP Rating		IP67
Industrial Protocols		PROFINET
Packaging Features		
Packaging Quantity		5
Packaging Method		Bag
Other		
Cable Assembly Length		.5 m
Cable Assembly Configuration		Single 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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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
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

TE Part # T4143512041-000
M12,FRONT MOUNTING,FEMALE,D
CODE,4P

Customers Also Bought

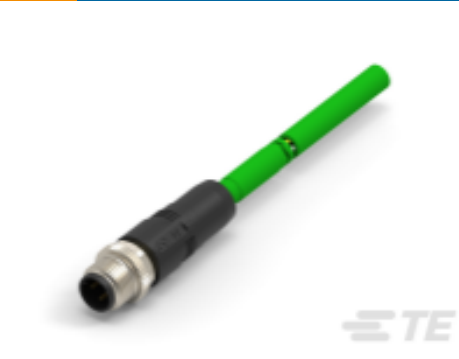
TE Part # T4171310504-001
M12,FRONT MOUNTING,FEMALE,D,
4P,0.2M WIRE

TE Part # 9-2176070-0
3521 51K 1% 2W

TE Part # 1-2176231-1
3522 27R 1% 3W

TE Part # 770680-3
AMPSEAL Receptacle Housings





TE Part # TAD14145101-005
[M12D4-MS-PUR TYPE C GREEN-5.0M](#)



TE Part # 1393194-7
[T77S1D10-05](#)



TE Part # 63824-1
[250 FASTON TAB TPBR](#)



TE Part # TCD14741111-001
[M12D4-MS-RJ-PVC-22SH-TYPE B GREEN-0.5M](#)

Documents

Product Drawings

[M12D4-MS-PUR TYPE C GREEN-0.5M](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_TAD14145101-001_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TAD14145101-001_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TAD14145101-001_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

Agency Approvals

[UL](#)

English