



TE Internal #: TAD14245101-002

M12 Pigtail Cable Assembly, 4 Position, 1 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**

Cable Assembly Type: **M12 Pigtail**

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

Features

Product Type Features

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

Configuration Features

Number of Strands	19
Number of Positions	4

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

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)	Right Angle
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	1 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: 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
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 #T4113001051-000

M12 Field Installable Unshielded



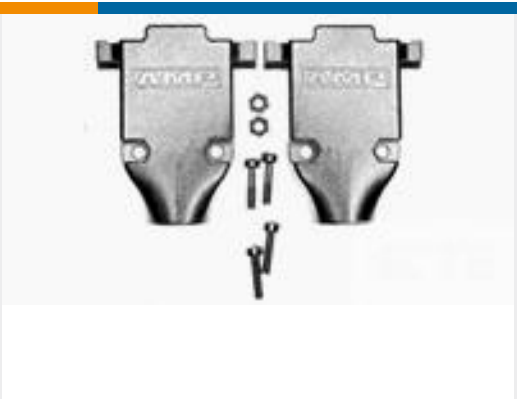
TE Part #TAD14147101-002

Ethernet, Profinet M12 D-Code 4pos FRNC



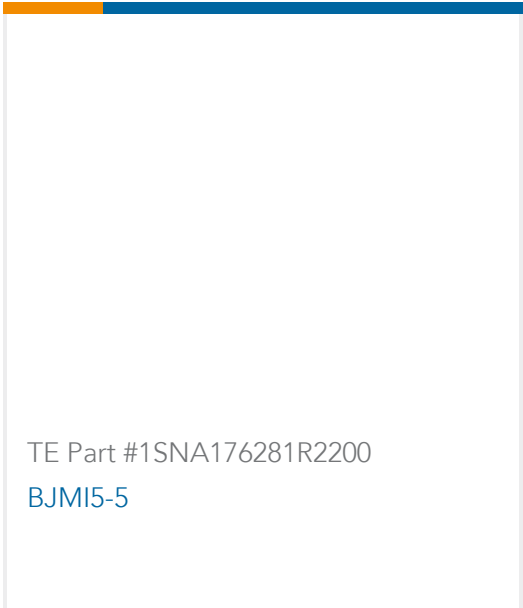
TE Part #TAD14845101-001

Ethernet, Profinet M12-D 4pos PUR DE



TE Part #5748677-2

PLTD PLST CBL CLMP KIT,SZ 2



Documents

Product Drawings

[M12D4-MR-PUR TYPE C GREEN-1.0M](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_TAD14245101-002_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TAD14245101-002_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TAD14245101-002_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

Agency Approvals

[UL](#)

English