



TE Internal #: TAD14245101-002

M12 Pigtail Cable Assembly, 4 Position, 1 m, Industrial Ethernet, PROFINET, Code D, M12 Plug, Shielded, Single Ended, PA66+25GF

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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 CodeD

Contact Features

Contact Current Rating (Max)4 A

Mechanical Attachment

Connector Orientation (End A)Right Angle

Housing Features

Housing MaterialPA66+25GF

Dimensions

Outside Cable Diameter6.65 mm

Wire Size22 AWG

Operation/Application

M8/M12 Application TypeIndustrial Ethernet

ShieldedYes

Industry Standards

IP RatingIP67

Industrial ProtocolsPROFINET

Packaging Features

Packaging Quantity5

Packaging MethodBag

Other

Cable Assembly Length1 m

Cable Assembly ConfigurationSingle Ended

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EUCompliant with Exemptions

EU ELV Directive 2000/53/ECCompliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006
Current ECHA Candidate List: JUNE 2023 (235)
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	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



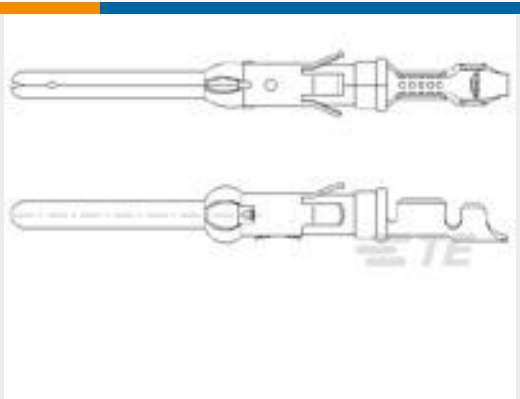
TE Part #8296870003

RPS Commercial Grade Sleeves



TE Part #316040-3

DYNAMIC D-5 REC CONT. S L/P



TE Part #1-163082-0

SPEC. PLATED



TE Part #1478762-9

METAL BACKSHELL 9 WAY TOP E



TE Part #207020-1
METRIMATE RCPT 36 POS

TE Part #TAD14147101-020
M12D4-MS-FRNC TYPE B GREEN-2.0 M

TE Part #TAD2483A201-001
M12D4-MS-MR-TPE USH-0.5M

TE Part #1SNA176281R2200
BJMI5-5

TE Part #1SNS420000Z1208
MCBORN0219 D020000234683-D
DTR000023468

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 Connector System Catalog

Japanese

M8/M12 Cable Assemblies Brochure

English

Product Specifications



English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English