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TAD14845101-002 ✔ ACTIVE

TE Internal #: TAD14845101-002

M8/M12 Cable Assemblies, Industrial Ethernet, PROFINET, 4 Position, D Keying Code, M12 Plug, M12 Plug, M12, Straight Connector Orientation (End A)

View on TE.com >

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







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

Industrial Protocols: **PROFINET**

Number of Positions: **4**

Keying Code: **D**

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

All Ethernet, Profinet M12-D 4pos PUR DE (18)

Features

Product Type Features

LED	Without
Product Type	Cable Assembly
Cable Type	PUR
Assembly Type	Overmolded
Connector Type (End A)	M12 Plug
Connector Type (End B)	M12 Plug
Cable Assembly Type	M12

Configuration Features

Number of Strands	19
Number of Positions	4
Keying Code	D

Electrical Characteristics

Operating Voltage	250 VDC

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Body Features

Environmental Protection	IP67
Conductor Material	Tinned Copper
Connector Color	Black
Wire Color	Yellow-Orange-White-Blue
Cable Jacket Color	Green

Contact Features

Contact Current Rating	4 A

Mechanical Attachment

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

Housing Features

Housing Material	PA66+25GF

Dimensions

Overall Outside Cable Diameter	6.65 mm
Wire Size	22 AWG

Operation/Application

M8/M12 Application Type	Industrial Ethernet
Shielded	Yes

Industry Standards

Industrial Protocols	PROFINET

Packaging Features

Packaging Method	Bag
Packaging Quantity	5

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

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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 2022 (223) 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

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TE Part #1-2273044-2
M12 A-CODE MALE STRAIGHT PIGTAIL



TE Part #1-2823587-3
M12 A-90 DEGREE-M-8, CAT 7 8.4 MM, TE



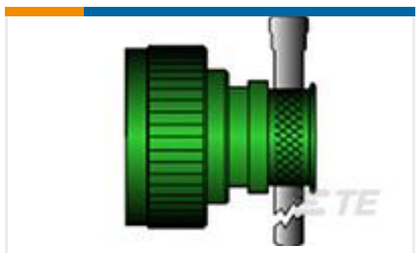
TE Part #T4162114004-005
M12 A-CODE MS-FR DOUBLE ENDED CABLE



TE Part #T4162223004-002
RPC-M12-4MR-1.0SH-M12-4FS-PUR



TE Part #TAD14745101-002
Ethernet, Profinet M12-D 4pos PUR DE



TE Part #CW3742-000
R85049/82-08W03



TE Part #921257-000
55A1151-22-MST5-9CS2275

Documents

Product Drawings

M12D4-MS-MR-PUR TYPE C GREEN-1.0M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_TAD14845101-002_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_TAD14845101-002_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_TAD14845101-002_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

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Product Environmental Compliance

Product Compliance

English

Product Compliance

English

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