

TAD14245101-001 ✓ ACTIVE

TE Internal #: TAD14245101-001

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

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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**

Keying Code: **D**

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

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

Features

Product Type Features

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

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



Cable Exit Angle	Right Angle
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
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Mechanical Attachment

Connector Orientation (End A)	Right Angle
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Housing Features

Housing Material	PA66+25GF
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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
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Packaging Features

Packaging Method	Bag
Packaging Quantity	5

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: JUNE 2022 (224) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
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 #86-015G-C
15 PSIG MV PRESSURE SENSOR



TE Part #SL630-C01
5-24VDC,TTL(HI=DRY)OUT



TE Part #2273099-2
M12 x 1.0 angled socket pigtail A



TE Part #3-641311-4
04P MTA-100 ASSY TAPE LF



Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_TAD14245101-001_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TAD14245101-001_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TAD14245101-001_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[M8 / M12 Connector System Catalog](#)

English

[M8/M12 Cable Assemblies Brochure](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

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