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TAD14147101-002 ✔ ACTIVE

TE Internal #: TAD14147101-002

M8/M12 Cable Assemblies, Industrial Ethernet, PROFINET, 4 Positions, D M8/M12 Cable Assembly Keying, Plug, M12 Pigtail, Straight

View on TE.com >

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







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

Number of M8/M12 Cable Assembly Positions: **4**

Industrial Protocols: **PROFINET**

M8/M12 Cable Assembly Keying: **D**

M8/M12 Cable Assembly Connector Type: **Plug**

All Ethernet, Profinet M12 D-Code 4pos FRNC (18)

Features

Product Type Features

LED	Without
Product Type	Cable Assembly
Assembly Type	Overmolded
M8/M12 Cable Assembly Connector Type	Plug
M8/M12 Cable Assembly Type	M12 Pigtail
M8/M12 Cable Assembly Shielded	Yes

Configuration Features

Number of Strands	7
Number of M8/M12 Cable Assembly Positions	4
M8/M12 Cable Assembly Keying	D
M8/M12 Cable Assembly Configuration	Single Ended

Electrical Characteristics

Operating Voltage	250 VDC

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Body Features

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

Contact Features

Contact Current Rating	4 A

Mechanical Attachment

M8/M12 Cable Assembly Mounting Angle	Straight

Housing Features

M8/M12 Cable Assembly Housing Material	PA66+25GF

Dimensions

Overall Outside Cable Diameter	6.5 mm
Wire Size	22 AWG
Cable Assembly Length	1000 mm

Operation/Application

M8/M12 Application Type	Industrial Ethernet

Industry Standards

Industrial Protocols	PROFINET

Packaging Features

Packaging Method	Bag
Packaging Quantity	5

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: JUN 2020 (209)

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	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 # CAT-C73765-M1H
M12 Panel Mount PCB

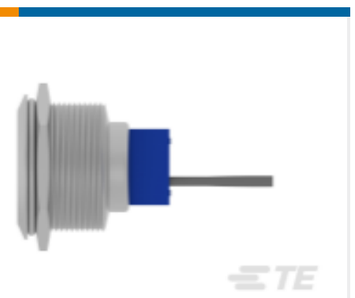
Customers Also Bought



TE Part #1-2273047-4
M12 A-CODE FEMALE STRAIGHT PIGTAIL



TE Part #1-2273101-4
M12 A-CODE FEMALE R/A PIGTAIL



TE Part #2317655-2
AV25 SPL 3A NO LED FL



TE Part #T4171110502-001
M12 Panel Mount Wire

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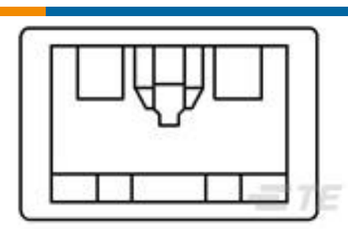
TE Part #TAA753A5501-040
Fieldbus, DeviceNet M12 A-Code 5p PUR



TE Part #2325098-4
MNTG CLIP,ENETSEAL PLUS



TE Part #4-603225-0
AMP-TY HD BLK TY2HDB



TE Part #1-1318954-1
PL EXII 250 REC HSG 1P NYLON NAT



TE Part #5414265-3
PLUG, TWIST ON, COML BNC

Documents

Product Drawings

M12D4-MS-FRNC TYPE B GREEN-1.0M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_TAD14147101-002_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_TAD14147101-002_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_TAD14147101-002_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

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