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# TAD14141311-002 ✔ ACTIVE

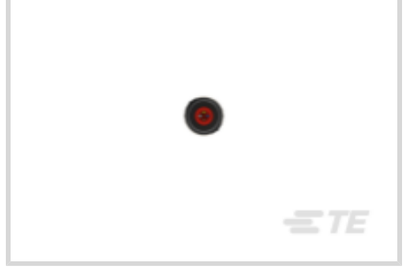
TE Internal #: TAD14141311-002

M8/M12 Cable Assemblies, Industrial Ethernet, SERCOS III, 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, Sercos-III M12-D 4pos PVC Red




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

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

Industrial Protocols: **SERCOS III**

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

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

All Ethernet, Sercos-III M12-D 4pos PVC Red (18)

## Features

### Product Type Features

| | |
|---|---|
| LED | Without |
| Product Type | Cable Assembly |
| Cable Type | PVC |
| 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

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| | |
|---|---|
| Operating Voltage | 250 VDC |

## Body Features

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

## 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 | SERCOS III |

## 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 |

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| | |
|---|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUN 2020 (209)<br>Candidate List Declared Against: JAN 2020 (205)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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

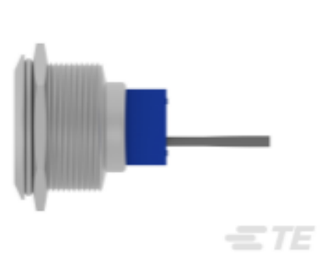
## Customers Also Bought



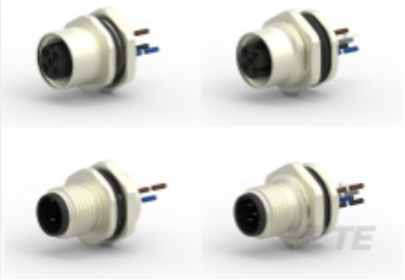
TE Part #1-2273047-4
M12 A-CODE FEMALE STRAIGHT PIGTAIL



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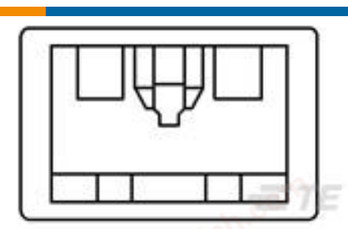
TE Part #TAA753A5501-040
Fieldbus, DeviceNet M12 A-Code 5p PUR



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-PVC TYPE B RED-1.0M

English

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_TAD14141311-002_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_TAD14141311-002_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_TAD14141311-002_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

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