

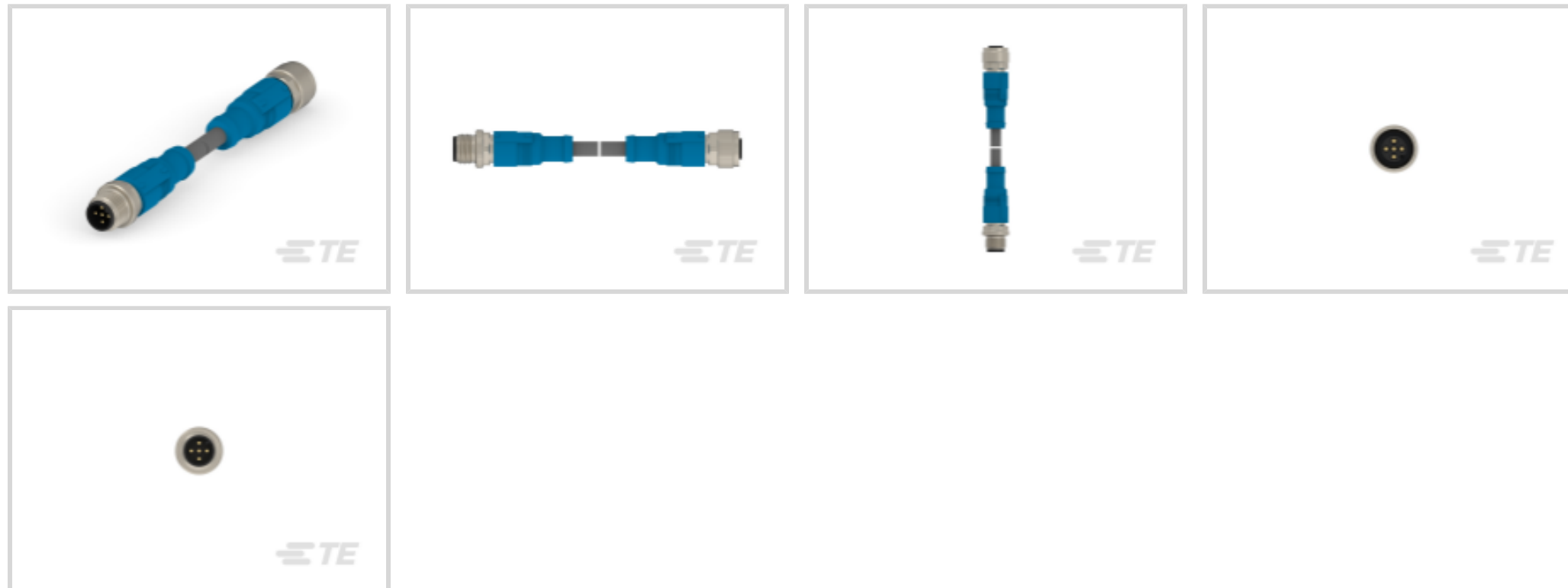


TE Internal #: T4162123005-006

M12 Cable Assembly, 5 Position, 7 m, Sensor/Actuator, Code A,
M12 Plug, M12 Socket, Shielded, Double Ended, GF Nylon

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M12 A-Code Male Straight to Female Straight Double Ended Cable



M8/M12 Application Type: **Sensor/Actuator**

Number of Positions: **5**

Connector & Keying Code: **A**

Cable Assembly Type: **M12**

Cable Assembly (End A): **M12 Plug**

[All M12 A-Code Male Straight to Female Straight Double Ended Cable \(138\)](#)

Features

Product Type Features

| | |
|------------------------|------------|
| Cable Assembly Type | M12 |
| Cable Assembly (End A) | M12 Plug |
| Cable Assembly (End B) | M12 Socket |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 5 |
|---------------------|---|

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 60 VAC |
|-------------------|--------|

Body Features

| | |
|-------------------------|---------------------------------|
| Cable Color | Gray |
| Connector Color (End B) | Black |
| Connector Color (End A) | Black |
| Jacket Material | PUR |
| Wire Color (Base) | Brown, White, Blue, Black, Gray |



| | |
|-------------------------|--------------|
| Conductor Material | Copper Alloy |
| Connector & Keying Code | A |

Contact Features

| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 4 A |
|------------------------------|-----|

Mechanical Attachment

| | |
|-------------------------------|-----------|
| Thread Size | M12 x M12 |
| Connector Orientation (End A) | Straight |
| Connector Orientation (End B) | Straight |

Housing Features

| | |
|------------------|----------|
| Housing Material | GF Nylon |
|------------------|----------|

Dimensions

| | |
|-----------|---------------------|
| Wire Size | .34 mm ² |
|-----------|---------------------|

Operation/Application

| | |
|-------------------------|-----------------|
| M8/M12 Application Type | Sensor/Actuator |
| Shielded | Yes |

Other

| | |
|------------------------------|--------------|
| Field Serviceable | Yes |
| Cable Assembly Length | 7 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 |
| 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (1.9% in Component Part) <small>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.</small> |
| 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



Customers Also Bought



Documents

Product Drawings

RPC-M12-5MS-7.0SH-M12-5FS-PUR



English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_T4162123005-006_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T4162123005-006_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T4162123005-006_A.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English