T4162124005-002 ✔ ACTIVE

TE Internal #: T4162124005-002

M12 to M12 Cable Assembly, 5 Position, Cable Assembly Length 1 m [3.2 ft], Sensor/Actuator, A Code, M12 Plug End A, M12 Socket End B, Shielded

View on TE.com >

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

Cable Assembly Length: **1 m [3.2 ft]**

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

Number of Positions: **5**

Connector & Keying Code: **A**

Cable Assembly Type: **M12 to M12**

All M12 A-Code Male Straight to Female Double Ended Cable (140)

Features

Product Type Features

Cable Assembly Type	M12 to M12
Cable Assembly (End A)	M12 Plug
Cable Assembly (End B)	M12 Socket

Configuration Features

Number of Positions	5

Electrical Characteristics

Operating Voltage	60 VDC

Body Features

Connector Color (End B)	Black
Jacket Material	PUR
Connector Color (End A)	Black
Conductor Material	Copper Alloy
Cable Color	Gray

Wire Color (Base)	Brown, White, Blue, Black, Gray
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)	Right Angle

Housing Features

Housing Material	Nylon GF

Dimensions

Wire Size	22 AWG

Operation/Application

M8/M12 Application Type	Sensor/Actuator
Shielded	Yes

Other

Field Serviceable	Yes
Cable Assembly Length	1 m[3.2 ft]
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (1.9% in 2505725083) 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	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

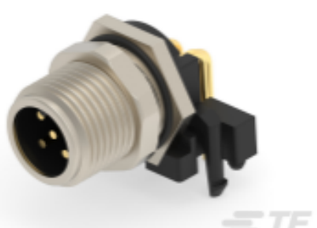
TE Part # T4162224005-002
RPC-M12-5MR-1.0SH-M12-5FR-PUR

Customers Also Bought

TE Part #TAA751A5501-002
M12A5-MS-PUR-1.0M

TE Part #TAA756A5501-020
M12A5-MS-FR-PUR-2.0M

TE Part #T4131012051-000
M12,REAR MOUNT,FEMALE,A,5P, SOLDER WIRE



TE Part #T4144035051-000
M12 R/A M PNL REAR A-CODE 5P PCBSTD SHLD

TE Part #7-188275-8
MICRO-MATCH SMD FTE

TE Part #34010126
TETE BW_PLASTIC ____ M24X1.5__

Documents

Product Drawings

RPC-M12-5MS-1.0SH-M12-5FR-PUR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T4162124005-002_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_T4162124005-002_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_T4162124005-002_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English