

T4052118004-005 ✓ ACTIVE



TE Internal #: T4052118004-005

M8 to M12 Cable Assembly, 4 Position, Cable Assembly Length 5 m [16.4 ft], Sensor/Actuator, A Code, M8 Plug End A, M12 Socket End B, Double Ended

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M8 Male Straight to M12 Female Double Ended Cable Assembly



Cable Assembly Length: 5 m [16.4 ft]

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

Number of Positions: 4

Connector & Keying Code: **A**

Cable Assembly Type: **M8 to M12**

[All M8 Male Straight to M12 Female Double Ended Cable Assembly \(28\)](#)

Features

Product Type Features

Cable Assembly Type	M8 to M12
Cable Assembly (End A)	M8 Plug
Cable Assembly (End B)	M12 Socket

Configuration Features

Number of Positions	4
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Electrical Characteristics

Operating Voltage	30 VDC
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Body Features

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



Wire Color (Base)	Brown-White-Blue-Black
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Connector & Keying Code	A
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Contact Features

Contact Current Rating (Max)	3 A
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Mechanical Attachment

Thread Size	M8 x M12
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Connector Orientation (End A)	Straight
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Connector Orientation (End B)	Right Angle
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Housing Features

Housing Material	Nylon GF
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Dimensions

Outside Cable Diameter	4.5 mm
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Wire Size	24 AWG
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Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]
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Operation/Application

M8/M12 Application Type	Sensor/Actuator
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Shielded	No
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Packaging Features

Packaging Method	Box
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Other

Field Serviceable	Yes
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Cable Assembly Length	5 m[16.4 ft]
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Cable Assembly Configuration	Double Ended
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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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: JAN 2025 (247)
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Candidate List Declared Against: JAN 2025 (247)

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 # T4051310004-005
M8 CABLE ST FEMALE 5M 4P PVC CABLE

Customers Also Bought



TE Part #EH2295-000
DWFR-4/1-0-STK



TE Part #CONSMB001-G
SMB Jack 50 Ohm PCB Through Hole



TE Part #206966-7
CABLE SHELL CLAMP SIZE 13



TE Part #211769-1
17-9 CPC RECEIPT REV SEX



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_T4052118004-005_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T4052118004-005_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T4052118004-005_A.3d_stp.zip](#)

English

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Product Specifications

[M8 Screw Assembly Type circular Series Connectors Application Specification](#)

English

[Application specification of M8 circular series connectors](#)

English

[M12 connection application specification](#)

English

Agency Approvals

[UL](#)

English