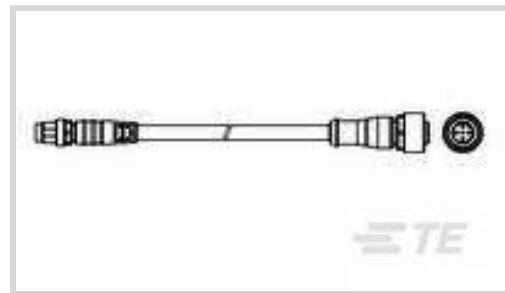




Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies



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

Number of Positions: **3**

Connector & Keying Code: **A**

Connector Type (End A): **M8 Plug**

Connector Type (End B): **M12 Socket**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
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Electrical Characteristics

Operating Voltage	60 VAC
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Body Features

Cable Color	Black
Connector Color (End B)	Black
Connector Color (End A)	Black
Jacket Material	PUR
Wire Color (Base)	Brown, Blue, Black
Connector & Keying Code	A

Contact Features

Contact Current Rating (Max)	4 A
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Mechanical Attachment

Thread Size	M8 x M12
Connector Orientation (End A)	Straight



Connector Orientation (End B)	Straight
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Housing Features

Housing Material	Plastic
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Dimensions

Outside Cable Diameter	4.1 mm[.161 in]
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Wire Size	.326 mm ²
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Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °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	1.5 m
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # T4051320003-003
M8 CABLE ST FEMALE 1.5M 3P PUR CABLE

Customers Also Bought



TE Part #2273124-5
M8 angled socket to M8 straight plug 2 LED



TE Part #3-1879447-2
TE 200W 390R 5% Bracket



TE Part #1-2154857-3
Socket, SCALABLE LED, 2PC, Tin



TE Part #1-1986711-2
SCREWLESS, SW, 12P, 5.0 PCB



TE Part #2-1986712-2
SCREWLESS, SW, 22P, 5.08 PCB



TE Part #2273098-2
M12 A-CODE MALE R/A PIGTAIL



TE Part #862382-1
LGH RECPT HSG TYPE III



TE Part #862434-3
2 CAV. PLUG KIT (LGH)



Documents

Product Drawings

[M8 strght plug to M12 strgt socket AA](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2273108-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2273108-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2273108-4_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 Connector System Catalog](#)

Japanese

Product Specifications

[Product Specification](#)

English