



Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M12 A-CODE MALE STRAIGHT PIGTAIL



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

Number of M8/M12 Cable Assembly Positions: **8**

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

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

M8/M12 Cable Assembly Type: **M12 Pigtail**

All M12 A-CODE MALE STRAIGHT PIGTAIL (56)

Features

Product Type Features

Product Type	Cable Assembly
Cable Type	PUR
Assembly Type	Pigtail
M8/M12 Cable Assembly Connector Type	Plug
M8/M12 Cable Assembly Type	M12 Pigtail
M8/M12 Cable Assembly Shielded	Yes

Configuration Features

Configuration Number	A
Number of M8/M12 Cable Assembly Positions	8
M8/M12 Cable Assembly Keying	A
M8/M12 Cable Assembly Configuration	Single Ended

Electrical Characteristics

Operating Voltage	30 VDC
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Body Features

Cable Exit Angle	Straight
Environmental Protection	With



Connector Color	Blue
Wire Color	Brown, White, Blue, Black, Gray, Pink, Violet, Orange
Insulation Material	PUR
Cable Jacket Color	Gray

Contact Features

Contact Current Rating	2 A
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Mechanical Attachment

Screw & Hole Thread Size	M12
M8/M12 Cable Assembly Mounting Angle	Straight

Housing Features

M8/M12 Cable Assembly Housing Material	Plastic
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Dimensions

Overall Outside Cable Diameter	7 mm[.275 in]
Wire Size	.205 mm ²
Cable Assembly Length	5000 mm

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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Packaging Features

Packaging Method	Box
Packaging Quantity	25

Other

Field Serviceable	Yes
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JAN 2021
(211)
Candidate List Declared Against: JAN 2021
(211)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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-SE594-M1FF
M12 A-CODE FEMALE STRT SINGLE
END CABLE

Customers Also Bought

TE Part #1-2273001-3
M8 FEMALE STRAIGHT PIGTAIL

TE Part #1-282834-0
TERMI-BLOK PCB MOUNT, 90 10P.

TE Part #1-1614351-9
RN 0603 1K0 0.1% 10PPM CUT LEN

TE Part #103956-3
5X4 MTE RCPT SR LATCH .100CL



TE Part #1-2176406-1
3560 2R7 1%

TE Part #1-1827876-0
DYNAMIC 1200 HDR ASSY

TE Part #YDTS26F25-20PBV001
D38999: Straight Plug, 25-20 Insert

TE Part #1-1437720-4
T01-0590-PS05

TE Part #1423795-1
R10-E1W2-S3.2K=R10

TE Part #1-1393310-8
26A1348A=TERMINAL,CRMP,QC.250,

Documents

Product Drawings

M12 x 1.0 straight plug pigt shld A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2273048-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2273048-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2273048-3_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

Product Specifications

Product Specification

English