



Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M12 A-Code Male Straight Pigtail



Cable Assembly Type: **M12 Pigtail**

Number of Positions: **5**

Cable Assembly Length: **5 m**

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

Connector & Keying Code: **A**

[All M12 A-Code Male Straight Pigtail \(8\)](#)

Features

Product Type Features

Cable Assembly Type	M12 Pigtail
Cable Assembly (End A)	M12 Socket

Configuration Features

Number of Positions	5
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Electrical Characteristics

Operating Voltage	125 VDC
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Body Features

Jacket Material	PUR
Connector Color (End A)	Black
Cable Color	Black
Wire Color (Base)	Brown, White, Blue, Black, Green/Yellow
Connector & Keying Code	A

Contact Features

Contact Current Rating (Max)	4 A
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Mechanical Attachment

Thread Size	M12
Connector Orientation (End A)	Straight



Housing Features

Housing Material	Plastic
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Dimensions

Outside Cable Diameter	5 mm[.196 in]
Wire Size	22 AWG

Usage Conditions

Operating Temperature Range	-50 – 80 °C[-58 – 176 °F]
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Operation/Application

M8/M12 Application Type	Sensor/Actuator
Shielded	No

Packaging Features

Packaging Method	Box
Packaging Quantity	25

Other

Field Serviceable	Yes
Cable Assembly Length	5 m
Cable Assembly Configuration	Single Ended

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 2025 (247) Candidate List Declared Against: JAN 2022 (223) 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 # T4161310004-007
RPC-M12-FS-4CON-PVC-10.0SH

Customers Also Bought



TE Part #1-2273002-1
M8 x 1.0 straight plug Pigtail



TE Part #1445716-1
KIT 6AWG BLUE



TE Part #MTRA61274CB2-001
OMNI,DB,Ph,617/1690 MHz



TE Part #T4145435051-001
M12 R/A F PNL STAMPED PIN B-CODE 5P SHLD



TE Part #T4145035081-002
M12 RA PCB CONN. Female 8 P SHIELD



TE Part #647892-4
SRS 50 CONN KIT,GRAY,6 AWG



TE Part #4162-201-1631L
CONT SOC ASSY



TE Part #5-1478762-3
Metal backshell 25 way Top Ent



Documents

Product Drawings

M12 x 1.0 straight plug pigt A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2273034-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2273034-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2273034-3_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

M8 / M12 Connector System Catalog

Japanese

CONNECTIVITY SOLUTIONS FOR INFOTAINMENT APPLICATIONS

English

Product Specifications

Application Specification

English