



Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M12 A-Code Female R/A Pigtail



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

Number of Positions: **8**

Keying Code: **A**

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

Cable Assembly Type: **M12 Pigtail**

[All M12 A-Code Female R/A Pigtail \(56\)](#)

Features

Product Type Features

Product Type	Cable Assembly
Cable Type	PUR
Assembly Type	Pigtail
Connector Type (End A)	M12 Socket
Cable Assembly Type	M12 Pigtail

Configuration Features

Number of Positions	8
Keying Code	A

Electrical Characteristics

Operating Voltage	30 VDC
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Body Features

Cable Exit Angle	Right Angle
Environmental Protection	With
Connector Color	Blue
Wire Color	White, Brown, Green, Yellow, Gray, Pink, Blue, Red
Cable Jacket Color	Gray



Insulation Material	PUR
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Contact Features

Contact Current Rating	2 A
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Mechanical Attachment

Screw & Hole Thread Size	M12
Connector Orientation (End A)	Right Angle

Housing Features

Housing Material	Plastic
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Dimensions

Overall Outside Cable Diameter	6 mm[.236 in]
Wire Size	.205 mm ²

Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 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	1.5 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: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219)



	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



Documents

Product Drawings
M12 x 1.0 angled socket pigt A
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2273095-1_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2273095-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2273095-1_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