

2273102-3 ✓ ACTIVE

TE Internal #: 2273102-3

M8/M12 Cable Assemblies, Sensor/Actuator, 8 Position, A Keying Code, M12 Plug, M12 Pigtail, Right Angle Connector Orientation (End A), Length 5 m

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



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

Number of Positions: **8**

Keying Code: **A**

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

Cable Assembly Type: **M12 Pigtail**

[All M12 A-CODE MALE R/A PIGTAIL \(56\)](#)

## Features

### Product Type Features

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

### Configuration Features

Configuration Number	A
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	Brown, White, Blue, Black, Gray, Pink, Violet, Orange



Cable Jacket Color	Gray
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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
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Connector Orientation (End A)	Right Angle
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### Housing Features

Housing Material	Plastic
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### Dimensions

Overall Outside Cable Diameter	7 mm [.275 in]
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Wire Size	.205 mm <sup>2</sup>
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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	Yes
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### Packaging Features

Packaging Method	Box
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Packaging Quantity	25
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### Other

Field Serviceable	Yes
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Cable Assembly Length	5 m
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Cable Assembly Configuration	Single 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 2022 (224)
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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



## Documents

### Product Drawings

[M12 x 1.0 angled plug pigtail shld A](#)

English

### Datasheets & Catalog Pages

[M8 / M12 Connector System Catalog](#)

English

### Product Specifications

[Application Specification](#)

English