

2273103-1 ✓ ACTIVE

TE Internal #: 2273103-1

M8/M12 Cable Assemblies, Sensor/Actuator, 8 Position, A Keying Code, M12 Socket, M12 Pigtail, Right Angle Connector Orientation (End A), Length 1.5 m

[View on TE.com >](#)



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

| | |
|----------------------|---|
| Configuration Number | A |
| Number of Positions | 8 |
| Keying Code | A |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 30 VDC |
|-------------------|--------|

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 |
|---------------------|-----|

Contact Features

| | |
|------------------------|-----|
| Contact Current Rating | 2 A |
|------------------------|-----|

Mechanical Attachment

| | |
|--------------------------|-----|
| Screw & Hole Thread Size | M12 |
|--------------------------|-----|

| | |
|-------------------------------|-------------|
| Connector Orientation (End A) | Right Angle |
|-------------------------------|-------------|

Housing Features

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|------------------|---------|
| Housing Material | Plastic |
|------------------|---------|

Dimensions

| | |
|--------------------------------|----------------|
| Overall Outside Cable Diameter | 7 mm [.275 in] |
|--------------------------------|----------------|

| | |
|-----------|----------------------|
| Wire Size | .205 mm ² |
|-----------|----------------------|

Usage Conditions

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|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 80 °C [-40 – 176 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|-------------------------|-----------------|
| M8/M12 Application Type | Sensor/Actuator |
|-------------------------|-----------------|

| | |
|----------|-----|
| Shielded | Yes |
|----------|-----|

Packaging Features

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|------------------|-----|
| 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: 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 socket pigtail shield A

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2273103-1_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2273103-1_A1.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_2273103-1_A1.3d_igs.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