



TE Internal #: 1-2273005-3
 M8/M12 Cable Assemblies, Sensor/Actuator, 3 Position, A Keying Code, M8 Socket, M8 Pigtail, Straight Connector Orientation (End A), Length 5 m

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M8 Straight Pigtail, Female



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

Number of Positions: **3**

Keying Code: **A**

Connector Type (End A): **M8 Socket**

Cable Assembly Type: **M8 Pigtail**

[All M8 Straight Pigtail, Female \(32\)](#)

Features

Product Type Features

| | |
|------------------------|----------------|
| LED | Without |
| Product Type | Cable Assembly |
| Cable Type | PVC |
| Assembly Type | Pigtail |
| Connector Type (End A) | M8 Socket |
| Cable Assembly Type | M8 Pigtail |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 3 |
| Keying Code | A |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 60 VDC |
|-------------------|--------|

Body Features

| | |
|--------------------------|--------------------|
| Cable Exit Angle | Straight |
| Environmental Protection | With |
| Wire Color | Brown, Blue, Black |
| Cable Jacket Color | Black |



| | |
|---------------------|-----|
| Insulation Material | PVC |
|---------------------|-----|

Contact Features

| | |
|------------------------|-----|
| Contact Current Rating | 4 A |
|------------------------|-----|

Mechanical Attachment

| | |
|--------------------------|----|
| Screw & Hole Thread Size | M8 |
|--------------------------|----|

| | |
|-------------------------------|----------|
| Connector Orientation (End A) | Straight |
|-------------------------------|----------|

Housing Features

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

Dimensions

| | |
|--------------------------------|----------------|
| Overall Outside Cable Diameter | 5 mm [.196 in] |
|--------------------------------|----------------|

| | |
|-----------|----------------------|
| Wire Size | .326 mm ² |
|-----------|----------------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 80 °C [-22 – 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 | 5 m |
|-----------------------|-----|

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

M8 x 1.0 straight socket Pigtail Shld

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2273005-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2273005-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2273005-3_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