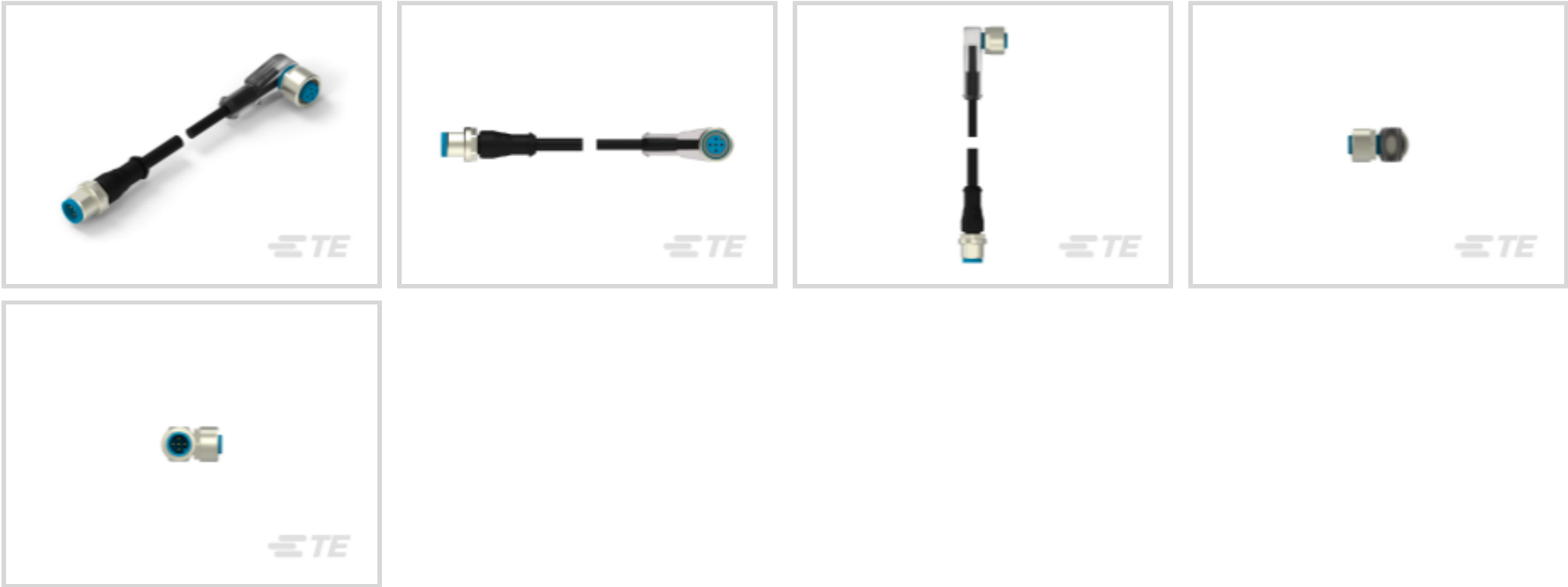




TE Internal #: 2-2273127-1  
M12 Cable Assembly, 5 Position, .3 m, Sensor/Actuator, A Code,  
M12 Socket End A, M12 Plug End B, Double Ended, Plastic  
[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M12 A-Code Male Straight to Female LED Double Ended Cable



Cable Assembly Type: **M12**  
Number of Positions: **5**  
Cable Assembly Length: **.3 m**  
M8/M12 Application Type: **Sensor/Actuator**  
Connector & Keying Code: **A**

[All M12 A-Code Male Straight to Female LED Double Ended Cable \(60\)](#)

Features

Product Type Features

|                        |            |
|------------------------|------------|
| Cable Assembly Type    | M12        |
| Cable Assembly (End A) | M12 Socket |
| Cable Assembly (End B) | M12 Plug   |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 5 |
|---------------------|---|

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 24 VDC |
|-------------------|--------|

Body Features

|                         |                                 |
|-------------------------|---------------------------------|
| Jacket Material         | PUR, PVC                        |
| Connector Color (End B) | Black                           |
| Connector Color (End A) | Black                           |
| Cable Color             | Black                           |
| Wire Color (Base)       | Brown, White, Blue, Black, Gray |



Connector & Keying Code

A

Contact Features

|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 4 A |
|------------------------------|-----|

Mechanical Attachment

|                               |             |
|-------------------------------|-------------|
| Thread Size                   | M12 x M12   |
| Connector Orientation (End A) | Right Angle |
| Connector Orientation (End B) | Straight    |

Housing Features

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

Dimensions

|                        |                |
|------------------------|----------------|
| Outside Cable Diameter | 5.9 mm[.23 in] |
| Wire Size              | 22 AWG         |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -30 – 80 °C[-22 – 176 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                         |                 |
|-------------------------|-----------------|
| Indicator Type          | LED             |
| M8/M12 Application Type | Sensor/Actuator |
| Shielded                | No              |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Method   | Box |
| Packaging Quantity | 25  |

Other

|                              |              |
|------------------------------|--------------|
| Field Serviceable            | Yes          |
| Cable Assembly Length        | .3 m         |
| Cable Assembly Configuration | Double 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: JUL 2021  
(219)  
Does not contain REACH SVHC

|                           |  |
|---------------------------|--|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 # T4151320005-001  
RPC-M12-FS-5CON-PUR-0.5

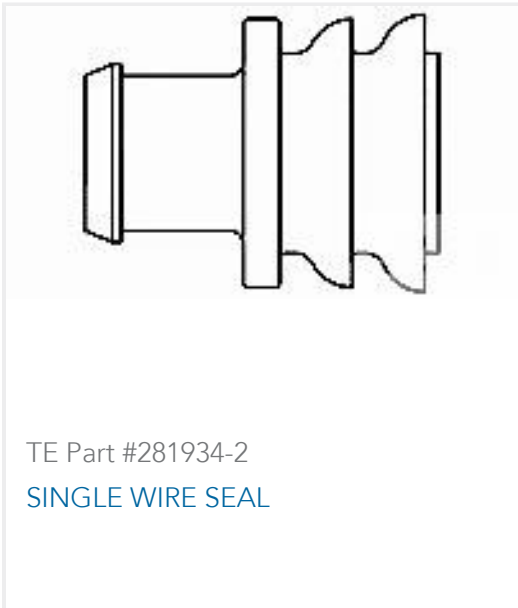
Customers Also Bought

TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts

TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT

TE Part #DT06-2S  
PLG, 2P, GRY, N

TE Part #DT04-2P  
REC, 2P, GRY, N



Documents

Product Drawings

M12 angld sckt to M12 strght plg 3 LED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-2273127-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2273127-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2273127-1\_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

M8 / M12 Connector System Catalog

Japanese

Product Specifications

Product Specification

English