

T4151199L25-001 ✓ ACTIVE

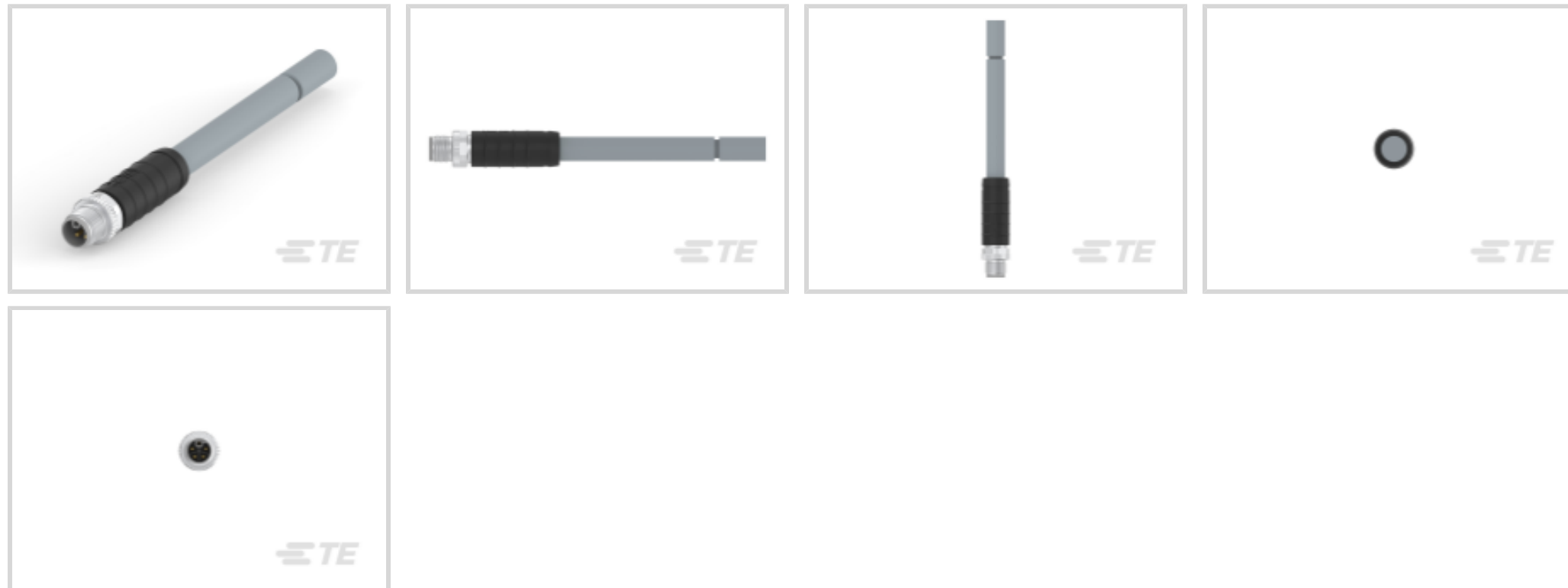
TE Internal #: T4151199L25-001

M8/M12 Cable Assemblies, Power, PROFINET, 5 Position, Keying L, Plug, M12 Pigtail, Straight, Length 500 mm, Single Ended, Nylon

[View on TE.com >](#)



Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies



M8/M12 Application Type: **Power**

Number of M8/M12 Cable Assembly Positions: **5**

Industrial Protocols: **PROFINET**

M8/M12 Cable Assembly Keying: **L**

M8/M12 Cable Assembly Connector Type: **Plug**

## Features

### Product Type Features

LED	Without
Product Type	Cable Assembly
Cable Type	PVC
Assembly Type	Overmolded
M8/M12 Cable Assembly Connector Type	Plug
M8/M12 Cable Assembly Type	M12 Pigtail
M8/M12 Cable Assembly Shielded	No

### Configuration Features

Number of Strands	124
Number of M8/M12 Cable Assembly Positions	5
M8/M12 Cable Assembly Keying	L
M8/M12 Cable Assembly Configuration	Single Ended

### Electrical Characteristics

Operating Voltage	63 VDC
-------------------	--------

### Body Features



Environmental Protection	IP67
Conductor Material	Copper Alloy
Connector Color	Black
Wire Color	Brown, White, Blue, Black, Gray
Insulation Material	PVC
Cable Jacket Color	Gray

#### Contact Features

Contact Current Rating	16 A
------------------------	------

#### Mechanical Attachment

Screw & Hole Thread Size	M12
M8/M12 Cable Assembly Mounting Angle	Straight

#### Housing Features

M8/M12 Cable Assembly Housing Material	Nylon
--	-------

#### Dimensions

Overall Outside Cable Diameter	10.1 mm
Conductor Diameter	2 mm
Wire Size	2.5 mm <sup>2</sup>
Cable Assembly Length	500 mm

#### Usage Conditions

Operating Temperature Range	-25 – 85 °C
-----------------------------	-------------

#### Operation/Application

M8/M12 Application Type	Power
-------------------------	-------

#### Industry Standards

Industrial Protocols	PROFINET
----------------------	----------

#### Packaging Features

Packaging Method	Bag
------------------	-----

#### Other

Field Serviceable	No
-------------------	----

#### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)



EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts



### Documents

**Product Drawings**

[RPC-M12L-5MS-0.5-PVC 14AWG GY](#)

English

**CAD Files**

[3D PDF](#)

3D

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_T4151199L25-001\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_T4151199L25-001\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_T4151199L25-001\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

---

## Datasheets & Catalog Pages

**M12 L-CODE CABLE ASSEMBLY**

English

---

## Product Specifications

**Application Specification**

English