

T41525C9L14-003 ✓ ACTIVE

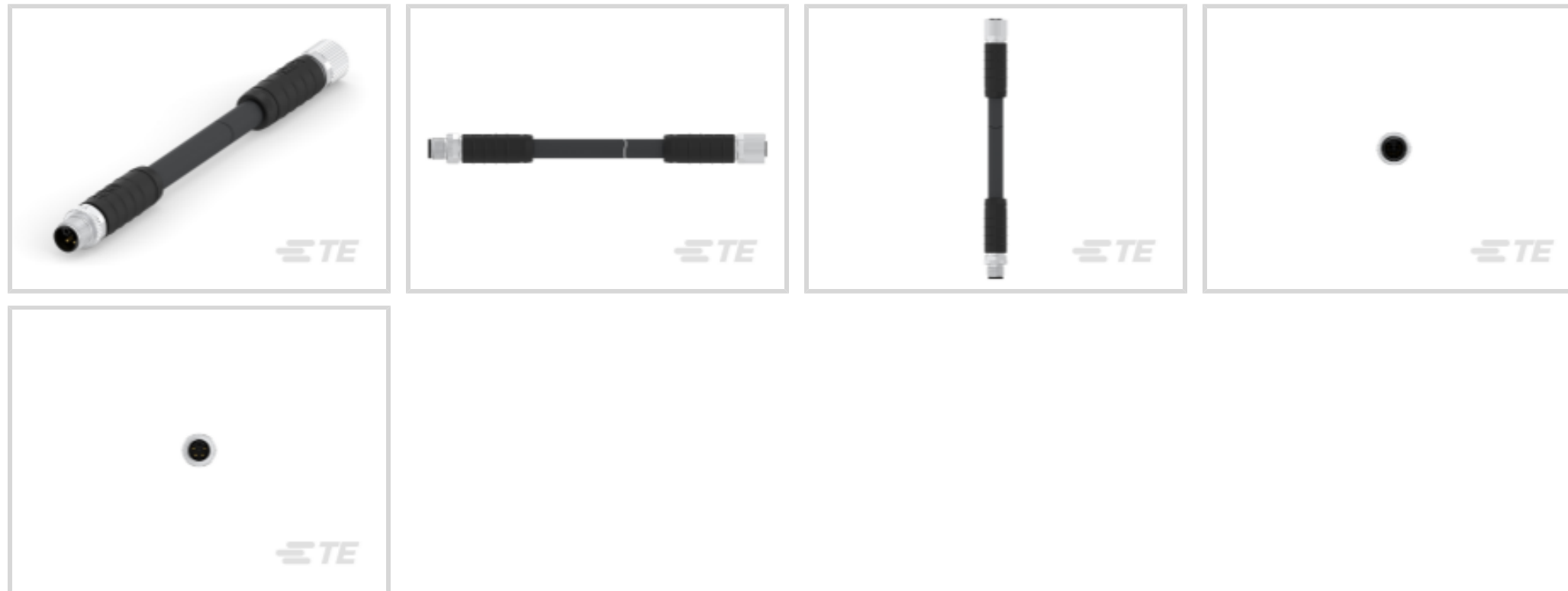
TE Internal #: T41525C9L14-003

M8/M12 Cable Assemblies, Power, PROFINET, 4 Position, Keying L, Plug/Receptacle, M12 to M12, Straight-Straight, Length 1500 mm, Double Ended, Nylon

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



M8/M12 Application Type: **Power**

Number of M8/M12 Cable Assembly Positions: **4**

Industrial Protocols: **PROFINET**

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

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

Features

Product Type Features

| | |
|--------------------------------------|-----------------|
| LED | Without |
| Product Type | Cable Assembly |
| Cable Type | PUR |
| Assembly Type | Overmolded |
| M8/M12 Cable Assembly Connector Type | Plug/Receptacle |
| M8/M12 Cable Assembly Type | M12 to M12 |
| M8/M12 Cable Assembly Shielded | No |

Configuration Features

| | |
|---|--------------|
| Number of Strands | 75 |
| Number of M8/M12 Cable Assembly Positions | 4 |
| M8/M12 Cable Assembly Keying | L |
| M8/M12 Cable Assembly Configuration | Double 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 |
| Insulation Material | PP |
| Cable Jacket Color | Black |

Contact Features

| | |
|------------------------|------|
| Contact Current Rating | 12 A |
|------------------------|------|

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|--------------------------------|---------------------|
| Overall Outside Cable Diameter | 8.2 mm |
| Conductor Diameter | 1.6 mm |
| Wire Size | 1.5 mm ² |
| Cable Assembly Length | 1500 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



TE Part # T4141L12041-001
M12, REAR MT, F, L, 3P+PE, LONGER, SOLDER PCB



TE Part # T41511C9L14-003
RPC-M12L-4MS-1.5-PUR 16AWG BK



TE Part # T41512C9L14-003
RPC-M12L-4MR-1.5-PUR 16AWG BK



TE Part # T41513C9L14-003
RPC-M12L-4FS-1.5-PUR 16AWG BK



TE Part # T41514C9L14-003
RPC-M12L-4FR-1.5-PUR 16AWG BK



Documents

Product Drawings

[RPC-M12L-4MS-1.5-4FS-PUR 16AWG BK](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_T41525C9L14-003_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T41525C9L14-003_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T41525C9L14-003_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