

TAD14147101-002 ✓ ACTIVE

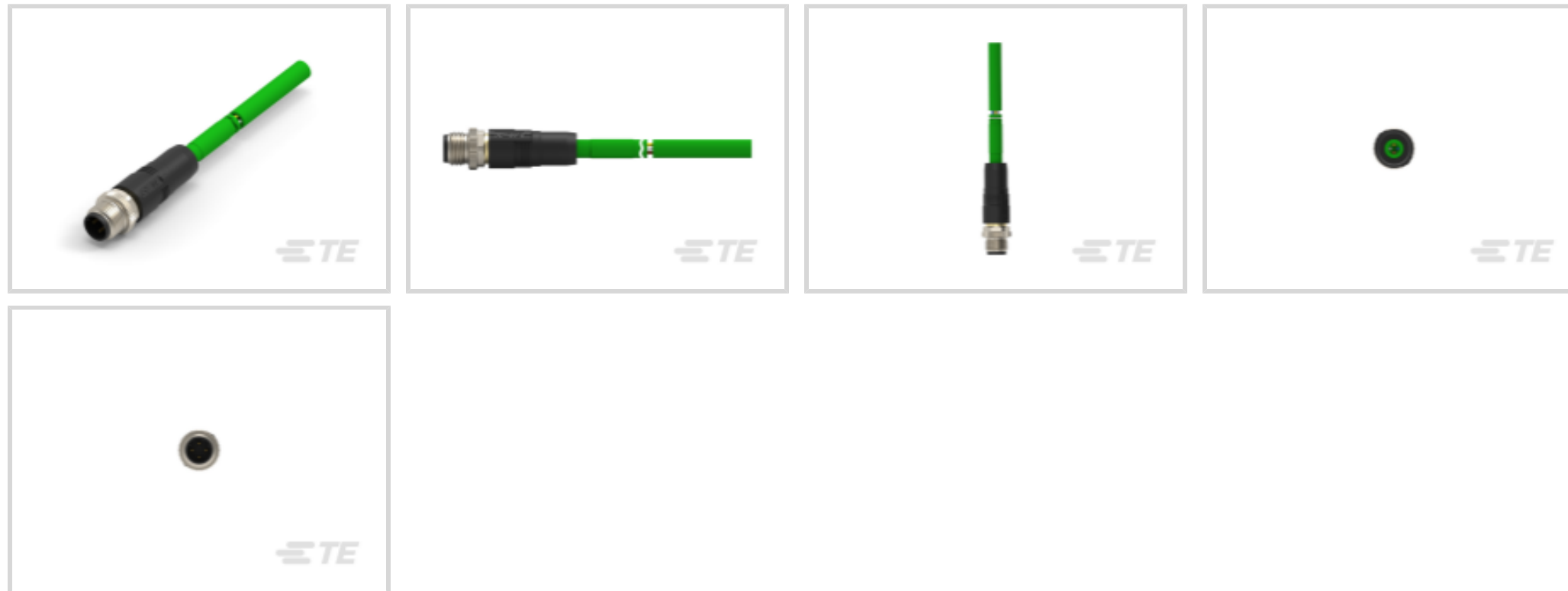
TE Internal #: TAD14147101-002

M12 Pigtail Cable Assembly, 4 Position, 1 m, Industrial Ethernet, PROFINET, Code D, M12 Plug End A, Shielded, Single Ended, PA66+25GF

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Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > Ethernet, Profinet M12 D-Code 4pos FRNC



Cable Assembly Type: **M12 Pigtail**

Number of Positions: **4**

Cable Assembly Length: **1 m**

M8/M12 Application Type: **Industrial Ethernet**

Industrial Protocols: **PROFINET**

[All Ethernet, Profinet M12 D-Code 4pos FRNC \(14\)](#)

Features

Contact Features

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

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Packaging Features

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

| | |
|--------------------|---|
| Packaging Quantity | 5 |
|--------------------|---|

Dimensions

| | |
|------------------------|--------|
| Outside Cable Diameter | 6.5 mm |
|------------------------|--------|

| | |
|-----------|--------|
| Wire Size | 22 AWG |
|-----------|--------|

Body Features

| | |
|-------------------------|-------|
| Connector Color (End A) | Black |
|-------------------------|-------|

| | |
|--------------------|---------------|
| Conductor Material | Tinned Copper |
|--------------------|---------------|

| | |
|-------------|-------|
| Cable Color | Green |
|-------------|-------|



| | |
|--|---|
| Wire Color (Base) | Yellow-Orange-White-Blue |
| Connector & Keying Code | D |
| Industry Standards | |
| IP Rating | IP67 |
| Industrial Protocols | PROFINET |
| Configuration Features | |
| Number of Strands | 7 |
| Number of Positions | 4 |
| Product Type Features | |
| Cable Assembly Type | M12 Pigtail |
| Cable Assembly (End A) | M12 Plug |
| Other | |
| Cable Assembly Length | 1 m |
| Cable Assembly Configuration | Single Ended |
| EU RoHS Compliance | Compliant with Exemptions |
| EU ELV Compliance | Compliant with Exemptions |
| Mechanical Attachment | |
| Connector Orientation (End A) | Straight |
| Housing Features | |
| Housing Material | PA66+25GF |
| Operation/Application | |
| M8/M12 Application Type | Industrial Ethernet |
| Shielded | Yes |
| 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 with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) |



SVHC > Threshold:

Pb (1.9% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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



TE Part # T4143512041-000
M12,FRONT MOUNTING,FEMALE,D CODE,4P

Customers Also Bought



TE Part #T4111501041-000
M12 Field Installable Unshielded



TE Part #745230-2
20DF SOCKET CONTACT,PLATED



TE Part #2201855-2
MINI I/O PLUG KIT TYPE I M



TE Part #TAD14145101-002
Ethernet, Profinet M12 D-Code 4pos PUR



Documents

Product Drawings

[M12D4-MS-FRNC TYPE B GREEN-1.0M](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_TAD14147101-002_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TAD14147101-002_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_TAD14147101-002_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 Cable Assemblies Brochure](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English