

M8 Connector

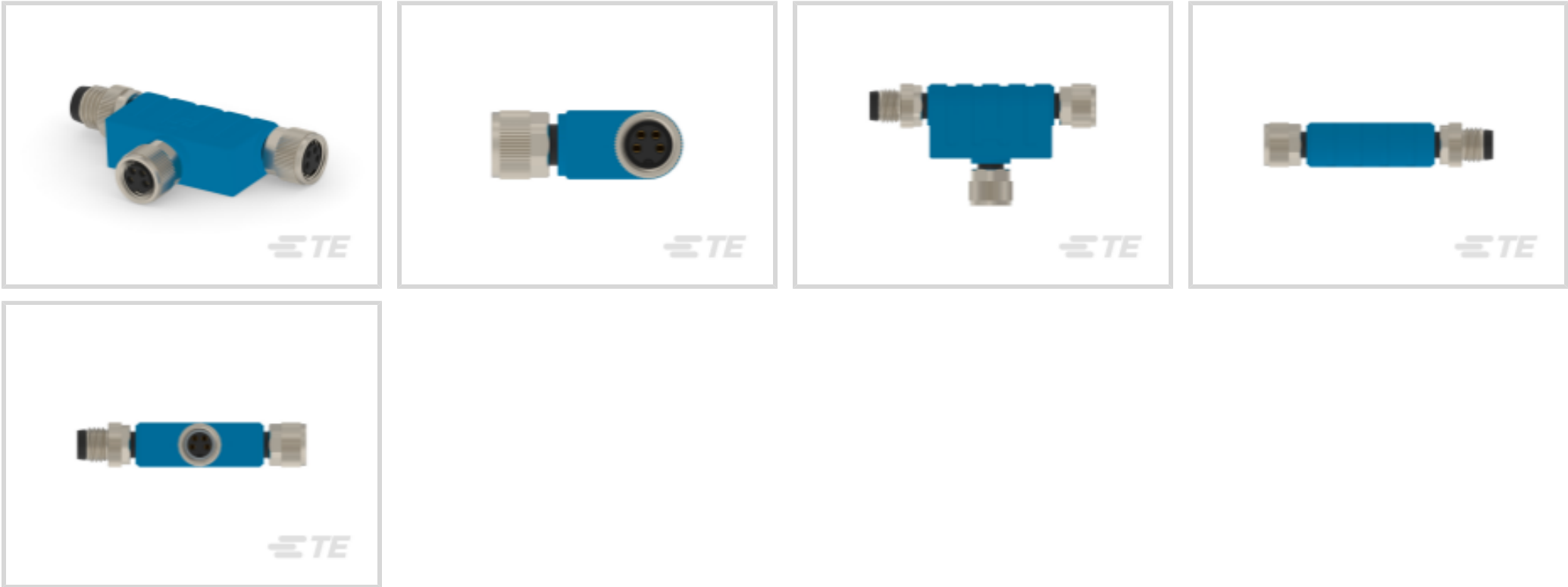
TE Internal #: T4082102004-000

Standard Circular Connectors, Wire-to-Wire, 4 Position, Sealable, Signal, TPU, A Polarization Code, Polyamide 66 GF25, 0 Power Positions, M8 Connector

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Wire**

Number of Positions: **4**

Sealable: **Yes**

Contact Current Rating (Max): **3 A**

Circuit Application: **Signal**

Features

Product Type Features

Prewired	No
Product Type	Connector Assembly
Accessory Color	Blue
Assembly Type	Electrical Connector
Connector System	Wire-to-Wire
Sealable	Yes
Circular Connector Type	Plug, Receptacle
Shell Type	Plastic

Configuration Features

Keying & Polarized Position Locations	A
Factory Installed Backshell	No
Keying	A
Number of Positions	4
Number of Power Positions	0



Number of Signal Positions	4
Contacts Preloaded	Yes

Electrical Characteristics

Operating Voltage	30 VAC
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Body Features

Peripheral Seal Material	Silicone
Environmental Protection	IP67
O-Ring Material	Silicone
Environmental Protection Type	Sealed
Shell Base Material	TPU
Circular Connector Insulation Material Type	Polyamide 66 GF25

Contact Features

Contact Current Rating (Max)	3 A
Reverse Gender	No
Circular Connector Contact Type	Pin/Socket

Mechanical Attachment

Polarization Code	A
Mating Alignment Type	Keyed

Usage Conditions

IP Dust Sealing Level	6
IP Water Sealing Level	IP67
Operating Temperature Range	-25 - 85 °C[-13 - 185 °F]

Operation/Application

Durability Rating	100 Cycles
Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	1
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (4% in Pb-Alloy in Copper) <b>Article Safe Usage Statements:</b> 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 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 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



Also in the Series | M8 Connector





Connector Caps & Covers(5)



Connector Hardware(4)




M8/M12 Cable Assemblies(147)




Standard Circular Connectors(105)


Customers Also Bought




TE Part # T4171010005-001  
M12 Panel Mount Wire




TE Part # T4011008041-000  
M8,SCREW, MALE,S,UNSHIELD,4P, GOLD



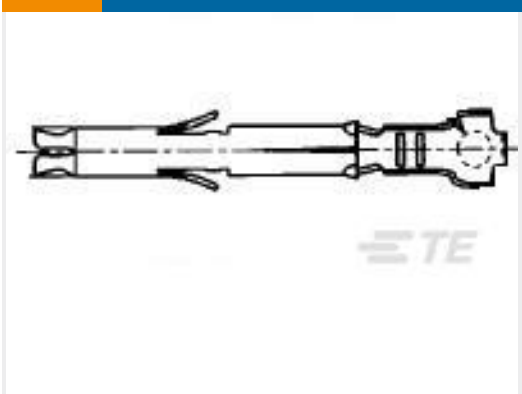
TE Part # T4062113004-005  
RPC-M8-4MS-5.0SH-M8-4FS-PVC




TE Part # T4071017041-001  
M8 Panel Mount Wire




TE Part # 770986-1  
MINI UMNL SOK 26-22AWG SN LP



TE Part # 170365-1  
MINI UNIVERSAL M-N-L SOCKET LP



TE Part # T4061120003-005  
M8 CABLE ST M 5M 3POS PUR CABLE



TE Part # ANT-410-CW-QW-SMA  
Antenna 1/4 Wave Whip 410MHz RPS

Documents

Product Drawings  
M8 T DISTRIBUTOR MALE 4POS  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_T4082102004-000\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_T4082102004-000\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_T4082102004-000\_A.3d\_stp.zip  
English

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Datasheets & Catalog Pages  
M8 / M12 Connector System Catalog  
English

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Product Specifications  
Application Specification  
English  
Application Specification  
English

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Agency Approvals  
UL  
English