## 1-2308323-2 ACTIVE

### M12 Rail PG Clamp

TE Internal #: 1-2308323-2

Cable-to-Cable, 8 Position, Sealable, Wire & Cable, Signal, Cable

Mount (Free-Hanging), M12 Rail PG Clamp, Standard Circular

Connectors

View on TE.com >



Connectors > Circular Connectors > Standard Circular Connectors > M12 Straight D4 PG Clamp











Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Number of Positions: 8

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

All M12 Straight D4 PG Clamp (12)

### **Features**

### **Product Type Features**

Product Type	Connector Assembly
Accessory Color	Black
Assembly Requirement	Factory Assembled
Assembly Type	Electrical Connector
Circular Connector Shell Type	Metal-Shell
Connector Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Metal

### **Configuration Features**

Keying	A	



Number of Positions	8
Number of Power Positions	3
Number of Signal Positions	8
Contacts Preloaded	Yes
Electrical Characteristics	
Operating Voltage	30 VDC
Signal Characteristics	
Data Rate	1 Gb/s
Body Features	
Environmental Protection	Yes
Weight	25 g[.0552 lb]
Environmental Protection Type	Elastomer Sealed
Shell Plating Material	Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	Low Fire Hazard Thermoplastic
Hermetically Sealed	Yes
Contact Features	
Contact Current Rating (Max)	2 A
Reverse Gender	Yes
Circular Connector Contact Type	Socket
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Polarization Code	A
Mating Alignment Type	Keyed
Housing Features	
Circular Connector Shell Size	19
Dimensions	
Compatible Insulation Diameter Range	5.5 – 9 mm
Usage Conditions	
Fluid Resistance	Moisture/Spray
IP Dust Sealing Level	6



IP Water Sealing Level	IP67
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
Operation/Application	
Durability Rating	250 Cycles
Circuit Application	Signal
Shielded	Yes
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1
Other	
Position Locations Omitted	0
Field Serviceable	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 (3.5% 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 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









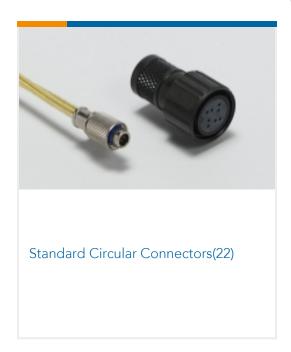








# Also in the Series | M12 Rail PG Clamp



## **Customers Also Bought**







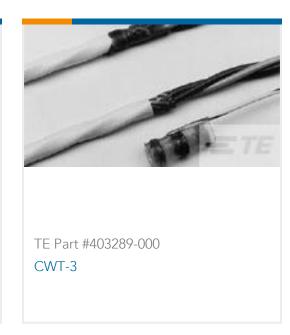
















### **Documents**

### **Product Drawings**

M12 A-CODED F-8 CAB GLAND CONECTR FEMALE

English

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_1-2308323-2\_C.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2308323-2\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2308323-2\_C.3d\_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

### **Product Specifications**

Application Specification

English