TEI-19-015G-RT ✔ ACTIVE

MEAS

TE Internal #: 20009311-47

TE Internal Description: PRES,SENSOR,TEI-19-015G-RT

Compensated 316L Pressure Sensor

View on TE.com >

Sensors > Pressure Sensors > Media Isolated Pressure Sensors > Compensated 316L Pressure Sensor



Pressure: **1.03 bar [15 psi]**

Pressure Sensor Type: **mV Output Pressure Sensors**

Pressure Type: **Gauge**

Output Signal Type: **100mV**

Operating Temperature Range: **-40 – 125 °C [-40 – 257 °F]**

All Compensated 316L Pressure Sensor (0)

Features

Product Type Features

Pressure Sensor Type	mV Output Pressure Sensors
Pressure Type	Gauge
Sensor Package	O-Ring Mount

Configuration Features

Electrical Connection	Ribbon Cable

Electrical Characteristics

Supply Current	1.5 mA

Dimensions

Product Diameter	18.97 mm[.746 in]
Product Height	13.8 mm[.54 in]

Usage Conditions

Pressure	1.03 bar[15 psi]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Proof Pressure Range	3X
Output Signal Type	100mV

Other

Non-Linearity ±	.1 %
Sensor Options	Vent Tube

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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Tetraglyme (2% in Component) Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
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



TE Part # 20009311-50
PRES,SENSOR,TEI-19-100G-RT

Customers Also Bought



TE Part #154N-015G-R
15 PSIG RIBBON CABLE MV PRESSURE SENSOR



TE Part #CAT-MIPS0048
Compensated 316L Pressure Sensor

TE Part #20009311-76
PRES,SENSOR,TEI-19-150G-RT

TE Part #GAG22K7MCD8
GLS9-PROBE

TE Part #10214146-00
PTFC501B1G0:PT500,2.0X2.3,B

TE Part #PF5040139-1
THERMOCOUPLE, TC-T-40SI200

TE Part #20009311-48
PRES,SENSOR,TEI-19-030G-RT

TE Part #10209248-00
FS1311-S006-2400-G

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_20009311-47_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_20009311-47_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_20009311-47_A.3d_stp.zip

English

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Datasheets & Catalog Pages

TEI-19

English