

82-100V-9UT

✕ OBSOLETE

MEAS | MEAS 82

TE Internal #: 82-100V-9UT

TE Internal Description: VACUUM,1/4-19BSP,UNCOMP,TUBE

19-mm MV Output Pressure Sensor

[View on TE.com >](#)



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 19-mm MV Output Pressure Sensor



Pressure: 6.89 bar [100 psi]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Vacuum Gauge

Output Signal Type: 100mV

Port Fitting: 1/4-19 BSP

[All 19-mm MV Output Pressure Sensor \(0\)](#)

Features

Product Type Features

| | |
|----------------------|---|
| Pressure Sensor Type | mV Output Pressure Sensors |
| Pressure Type | Vacuum Gauge |
| Sensor Package | O-Ring Mount, Threaded Process Fittings |

Configuration Features

| | |
|-----------------------|----------------------------|
| Electrical Connection | Open Bridge, Uncompensated |
|-----------------------|----------------------------|

Electrical Characteristics

| | |
|----------------|--------|
| Supply Current | 1.5 mA |
|----------------|--------|

Dimensions

| | |
|------------------|-----------------|
| Product Diameter | 19 mm[.748 in] |
| Product Height | 6.48 mm[.25 in] |

Usage Conditions

| | |
|----------|-------------------|
| Pressure | 6.89 bar[100 psi] |
|----------|-------------------|

Operation/Application

| | |
|----------------------|-------|
| Proof Pressure Range | 3X |
| Output Signal Type | 100mV |

Other



| | |
|-----------------|------------|
| Non-Linearity ± | .1 % |
| Sensor Options | Vent Tube |
| Port Fitting | 1/4-19 BSP |

Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Not Yet Reviewed |
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not reviewed for solder process capability |

Product Compliance Disclaimer

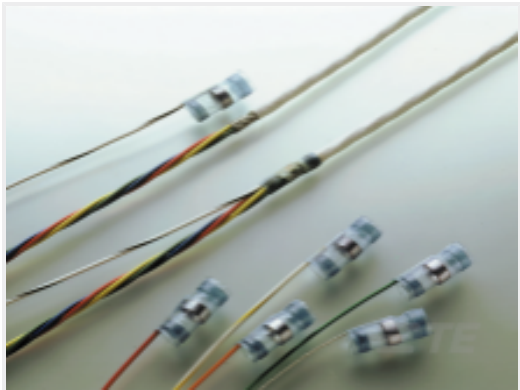
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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.

Also in the Series | MEAS 82





Customers Also Bought



TE Part #688343-000
ST63-3-55-26-90



TE Part #5054034004
RNF-100-3/32-3-SP



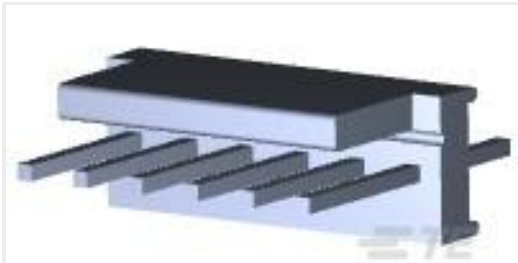
TE Part #CQ68943001
55A1161-20-0/0/0/2/2-9



TE Part #86A3R-000000-100PG
100 PSIG ANALOG PRESSURE
SENSOR



TE Part #TAA755A1611-080
M12A5-MS-FS-PVC-8.0M



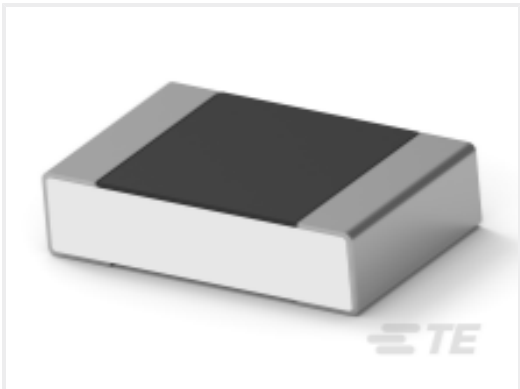
TE Part #3-641124-6
06P MTA100 HDR ASSY P/STR LF



TE Part #2-2176364-3
RQ 0402 7K87 0.1% 10PPM 5K RL



TE Part #4-2176374-5
RQ 0805 309R 0.1% 10PPM 1K RL



TE Part #6-2176375-4
RQ 0805 5K23 0.1% 10PPM 1K RL



TE Part #2-2176415-9
8W STD M/OX 5% 430R

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_82-100V-9UT_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_82-100V-9UT_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_82-100V-9UT_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

82VU

English

