



MEAS | MEAS 82 Series

TE Internal #: 82-005G-RT

TE Internal Description: 5 PSIG RIBBON CABLE TUBE PRESSURE SENSOR

19MM MV OUTPUT PRESSURE SENSOR

[View on TE.com >](#)

Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 19MM MV OUTPUT PRESSURE SENSOR



Pressure: [5 psi]

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

Media Isolated Pressure Sensor Style: **Gauge**

Output/Span: **100mV**

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

[All 19MM MV OUTPUT PRESSURE SENSOR \(42\)](#)

Features

Product Type Features

Media Isolated Pressure Sensor Type	Media Isolated mV Output Pressure Sensors
Media Isolated Pressure Sensor Style	Gauge

Configuration Features

Electrical Connection	Ribbon Cable
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Electrical Characteristics

Supply Current	1.5 mA
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Dimensions

Dimensions	Dia 19 x 6.48 mm [Dia .748 x .25 in]
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Usage Conditions

Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]
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Operation/Application

Proof Pressure Range	3X
	5 psi
Output/Span	100mV

Packaging Features



Media Isolated Pressure Sensor Package

O-Ring Mount

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

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

SVHC > Threshold:

Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component a)

Article Safe Usage Statements:

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

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>

Also in the Series | [MEAS 82 Series](#)



Media Isolated Pressure Sensors(55)

Customers Also Bought



TE Part #535609-000
55PC0811-20-9CS2502



TE Part #4-1622820-3
3520 39R 5%



TE Part #82-015G-C
19MM MV OUTPUT PRESSURE
SENSOR



TE Part #1-1617036-2
HFW4A1201K00 = 2100 HFW 4A REL



TE Part #1-1617030-7
HFW1201E00 = HFW 1/2 SIZE REL

Documents

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_82-005G-RT_H.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_82-005G-RT_H.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_82-005G-RT_H.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[82C](#)

English

