



MEAS | MEAS 86 Series

TE Internal #: 86-100G-RT

TE Internal Description: 100 PSIG MV VENT TUBE PRESSURE SENSOR

[View on TE.com >](#)

Sensors > Pressure Sensors > Media Isolated Pressure Sensors



Pressure: [100 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]**

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 15.82 x 11.4 mm [Dia .622 x .448 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
	100 psi
Output/Span	100mV

Packaging Features

Media Isolated Pressure Sensor Package	O-Ring Mount
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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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2023 (235)</p> <p>SVHC > Threshold:</p> <p>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (.11% in Component Part)</p> <p>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.</p>

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



Also in the Series | MEAS 86 Series



Media Isolated Pressure Sensors(40)

Customers Also Bought



TE Part #DP86-500D
500 PSID MV DIFFERENTIAL
PRESSURE SENSOR

TE Part #85-005G-0RT
NISO,GAGE,NO FIT,R.CABLE/TUB

TE Part #85-030V-0R
VACGAGE,NO FITTING,RIBCBL

TE Part #85-300V-0R
VACGAGE,NO FITTING,RIBCBL

TE Part #85-500G-0R
NISO,GAGE,NO FIT,RIBBON CBL

TE Part #86-030V-R
ASSY,NISO,LP,VAC,CABLE

TE Part #86-300A-R
NISO,LP,ABS,RIBBON CABLE

TE Part #86-300V-R
ASSY,NISO,LP,VAC,CABLE

TE Part #86-500V-R
ASSY,NISO,LP,VAC,CABLE

TE Part #89-10KA-0R
NISO,ABS,NO FIT,CABLE

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_86-100G-RT_G1.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)



[ENG_CVM_CVM_86-100G-RT_G1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86-100G-RT_G1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

86C

English