



Sensors > Pressure Sensors > Media Isolated Pressure Sensors



Pressure: [500 psi]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Gauge

Output Signal Type: 100mV

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

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
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Electrical Characteristics

Supply Current	1.5 mA
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Dimensions

Product Diameter	15.82 mm[.622 in]
Product Height	11.4 mm[.448 in]

Usage Conditions

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

Proof Pressure Range	3X
	500 psi
Output Signal Type	100mV

Other

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Non-Linearity ±	.1 %
Sensor Options	No 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	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part) 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	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

 <p>TE Part # 86-300A-C 300 PSIA CABLE CONN MV PRESSURE SENSOR</p>	 <p>TE Part # 86-500A-R 500 PSIA RIBBON CABLE MV PRESSURE SENSOR</p>	 <p>TE Part # 86-300G-C 300 PSIG CABLE CONN MV PRESSURE SENSOR</p>	 <p>TE Part # 86-300G-R 300 PSIG RIBBON CABLE MV PRESSURE SENSOR</p>
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TE Part # 86-300G-RT
300 PSIG MV VENT TUBE PRESSURE
SENSOR

Also in the Series

MEAS 86 Series

Media Isolated Pressure Sensors(40)

Customers Also Bought

TE Part #86-015A-R
15 PSI RIBBON CABLE MV PRESSURE
SENSOR

TE Part #86-015G-R
15 PSIG RIBBON CABLE MV
PRESSURE SENSOR

TE Part #LL01-2AA01
LL01 1/4" NPT 15" CABLE 100C

TE Part #NB18844001
RNF-100-1/16-RD-SP

TE Part #20010076-00
Thermocouple Type T, 40 AWG

TE Part #86-015V-R
ASSY,NISO,LP,VAC,CABLE

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

TE Part #89-01KA-0R
NISO,ABS,NO FIT,RIBBON CBL

TE Part #89-05KA-0R
NISO,ABS,NO FIT,CABLE

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



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_86-500G-R_G1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_86-500G-R_G1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_86-500G-R_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