



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 9MM MV OUTPUT PRESSURE SENSOR



Pressure: [1000 psi]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Absolute

Output Signal Type: Sensitivity = 15 - 28mV/V

Supply Voltage Range: 5 V

[All 9MM MV OUTPUT PRESSURE SENSOR \(7\)](#)

Features

Product Type Features

Pressure Sensor Type	mV Output Pressure Sensors
Pressure Type	Absolute
Sensor Package	Weldable

Configuration Features

Electrical Connection	Wire Leads
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Electrical Characteristics

Supply Current	1.5 mA
Supply Voltage Range	5 V

Dimensions

Product Diameter	9.04 mm[.356 in]
Product Height	13.2 mm[.52 in]

Usage Conditions

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

Proof Pressure Range	3X
	1000 psi



Output Signal Type	Sensitivity = 15 - 28mV/V
Other	
Non-Linearity ±	.25 %
Port Fitting	Weldable (No Thread)

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: JAN 2024 (240) Does not contain REACH SVHC
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>

Compatible Parts





Also in the Series

MEAS 89 Series

Media Isolated Pressure Sensors(27)

Customers Also Bought

TE Part #85-500A-0R 500 PSIA WELDABLE PRESSURE SENSOR	TE Part #1-1625995-6 HSC75 3R3 5%	TE Part #154N-001G-R 1 PSIG RIBBON CABLE MV PRESSURE SENSOR	TE Part #154N-100A-U NISO,LP,ABS,UNCOMP
TE Part #ZPF000000000016865 DTS 25 N 09-35 UN-A1352	TE Part #20010076-00 Thermocouple Type T, 40 AWG	TE Part #20022892-00 PRESS SENSOR;NISO,85U-100G-02355	TE Part #85-500A-0U NISO,NO FIT,UNCOMP
TE Part #89-10KA-1U NISO,1/4-18NPT,7/8HEX,LEADS	TE Part #GA10K4A437 DISC-DISCRETE		

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_89-01KA-0U_C.2d_dxf.zip
- English
- Customer View Model



[ENG_CVM_CVM_89-01KA-0U_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_89-01KA-0U_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[89U](#)

English