



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 13MM MV OUTPUT PRESSURE SENSOR



Pressure Sensor Type: **mV Output Pressure Sensors**
Pressure Type: **Gauge**
Output Signal Type: **100mV**
Operating Temperature Range: **-40 – 125 °C [-40 – 257 °F]**
Port Fitting: **1/4-18 NPT (7/8 Hex)**

[All 13MM MV OUTPUT PRESSURE SENSOR \(18\)](#)

Features

Product Type Features

Pressure Sensor Type	mV Output Pressure Sensors
Pressure Type	Gauge
Sensor Package	Threaded Process Fittings, Weldable

Configuration Features

Electrical Connection	Ribbon Cable
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Electrical Characteristics

Supply Current	1.5 mA
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Dimensions

Product Diameter	15.85 mm[.624 in]
Product Height	9.3 mm[.366 in]

Usage Conditions

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

Proof Pressure Range	3X
Output Signal Type	100mV

Other



Non-Linearity ±	.1 %
Port Fitting	1/4-18 NPT (7/8 Hex)

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Tetraglyme (2% in Component Part) Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. 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 Bromine/Chlorine - Br and Cl < 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





TE Part # 85-100A-FC
100 PSIA FLUSH MOUNT PRESSURE SENSOR



TE Part # CAT-MIPS0012
13MM MV OUTPUT PRESSURE SENSOR

Also in the Series | MEAS 85



Media Isolated Pressure Sensors(42)

Customers Also Bought



TE Part #154N-100G-R
100 PSIG RIBBON CABLE MV PRESSURE SENSOR



TE Part #85-100A-4R
100 PSIA 1/4 - 19 NPT PRESSURE SENSOR



TE Part #5555164-1
MJ,LPF,R/A,8P,TRAY

TE Part #02560967-605
LVDT PTS-420 10000 MC

TE Part #89-03KA-4R
NISO,1/4-18NPT,5/8HEX,CABLE

TE Part #10208644-00
JL LVDT XS-8099-4290

TE Part #85-050G-4R
NISO,GAGE,1/4 NPT,RIBBON CBL

TE Part #10217190-00
JL LVDT 600XS-4296

TE Part #89-03KS-0R
NISO,SEAL,NO FIT,CABLE

TE Part #M515P-00000E-016BG
PRESS XDCR M515P-00000E-016BG



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_85-100G-4R_G1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_85-100G-4R_G1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_85-100G-4R_G1.3d_stp.zip

English

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

Datasheets & Catalog Pages

85C

English