

85-100A-8R  ACTIVE

[MEAS | MEAS 85 Series](#)

TE Internal #: 85-100A-8R

TE Internal Description: 100 PSIA 1/8-27 NPT CABLE CONN

SENSOR

13MM MV OUTPUT PRESSURE SENSOR

[View on TE.com >](#)



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



Pressure: [ 100 psi ]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Absolute

Output Signal Type: 100mV

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

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

## Features

### Product Type Features

Pressure Sensor Type mV Output Pressure Sensors

Pressure Type Absolute

Sensor Package Threaded Process Fittings, Weldable

### Configuration Features

Electrical Connection Ribbon Cable

### Electrical Characteristics

Supply Current 1.5 mA

### 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]

### Operation/Application

Proof Pressure Range 3X

100 psi

Output Signal Type	100mV
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### Other

Non-Linearity ±	.1 %
Port Fitting	1/8-27 NPT

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part) <small>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.</small>
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

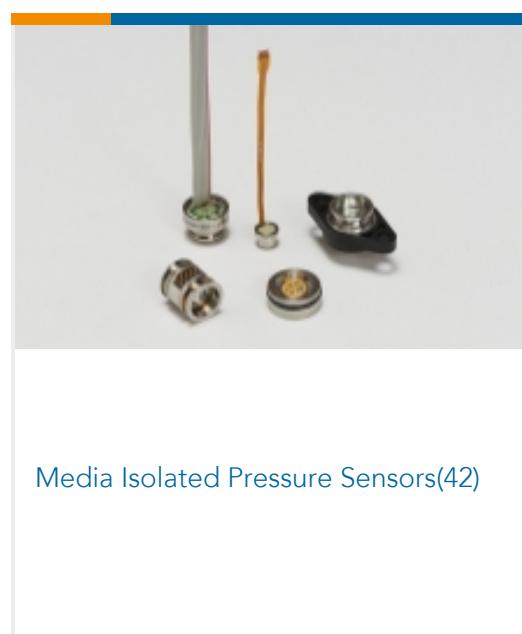
#### Product Compliance Disclaimer

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 85 Series



## Customers Also Bought



## Documents

[CAD Files](#)[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_85-100A-8R\\_G1.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_85-100A-8R\\_G1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_85-100A-8R\\_G1.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

**85C**

English