

MEAS | MEAS 85 Series TE Internal #: 85-100A-0R TE Internal Description: 100 PSIA WELDABLE PRESSURE 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]

Media Isolated Pressure Sensor Type: Media Isolated mV Output Pressure Sensors

Media Isolated Pressure Sensor Style: Absolute

Output/Span: 100mV

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

All 13MM MV OUTPUT PRESSURE SENSOR (26)

### Features

### **Product Type Features**

Media Isolated Pressure Sensor Type

Media Isolated Pressure Sensor Style

Media Isolated mV Output Pressure Sensors

Absolute



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Cont	<b>IC</b>	uration	<b>Features</b>

Electrical Connection	Ribbon Cable					
Pressure Port/Fitting	Weldable (5/16-32 UNEF-3A Thread)					
Electrical Characteristics						
Supply Current	1.5 mA					
Dimensions						
Dimensions	Dia 15.85 x 9.3 mm[Dia .624 x .366 in]					
Usage Conditions						
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]					
Operation/Application						
Proof Pressure Range	3X					
	100 psi					
Output/Span	100mV					
Packaging Features						

**&** For support call+1 800 522 6752



Media Isolated Pressure Sensor Package	Threaded Process Fittings, Weldable					
Other						
Non-Linearity	± .1 %					
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC					
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

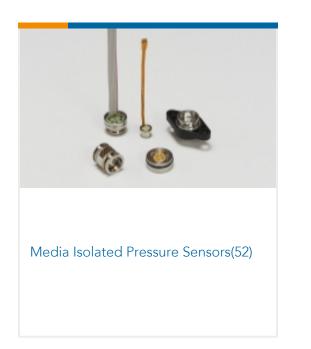
# **Compatible Parts**



Also in the Series | MEAS 85 Series

#### 100 PSIA WELDABLE PRESSURE SENSOR





# **Customers Also Bought**



TE

TE Part #ZPF00000000018668

TE Part #742412-000

TE Part #172-10202

## Documents

## **CAD** Files

## 3D PDF

3D

Customer View Model

### ENG\_CVM\_CVM\_85-100A-0R\_G1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_85-100A-0R\_G1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_85-100A-0R\_G1.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the  $\ensuremath{\text{Terms}}$  and  $\ensuremath{\text{Conditions}}$  of use.

### Datasheets & Catalog Pages

85C

English

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100 PSIA WELDABLE PRESSURE SENSOR

