

### MEAS | MEAS 85 Series

TE Internal #: 85-500A-0R

TE Internal Description: 500 PSIA WELDABLE PRESSURE SENSOR

13MM MV OUTPUT PRESSURE SENSOR

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



Pressure: [500 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                                  |
|                             | 500 psi                             |

100mV

Output Signal Type



### Other

| Non-Linearity ± | .1 %                              |
|-----------------|-----------------------------------|
| Port Fitting    | Weldable (5/16-32 UNEF-3A 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: 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

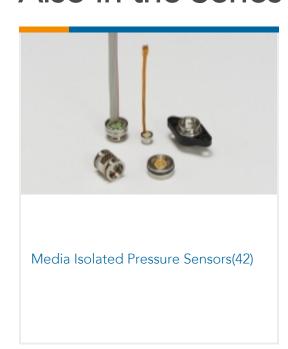
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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**





# Also in the Series | MEAS 85 Series



# Customers Also Bought



## **Documents**

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_85-500A-0R\_G1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_85-500A-0R\_G1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_85-500A-0R\_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