

# 85-100G-5R × OBSOLETE

MEAS | MEAS 85

TE Internal #: 85-100G-5R

TE Internal Description: 100 PSIG 1/4 - 19 BSP PRESSURE SENSOR

13MM MV OUTPUT PRESSURE SENSOR

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Pressure: [ 100 psi ]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Gauge

Output Signal Type: 100mV

Port Fitting: 1/4-19 BSP (7/8 Hex)

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

## Features

### Electrical Characteristics

|                |        |
|----------------|--------|
| Supply Current | 1.5 mA |
|----------------|--------|

### Configuration Features

|                       |              |
|-----------------------|--------------|
| Electrical Connection | Ribbon Cable |
|-----------------------|--------------|

### Dimensions

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

### Other

|                    |                           |
|--------------------|---------------------------|
| Non-Linearity ±    | .1 %                      |
| Port Fitting       | 1/4-19 BSP (7/8 Hex)      |
| EU RoHS Compliance | Compliant with Exemptions |
| EU ELV Compliance  | Compliant with Exemptions |

### Operation/Application

|                      |       |
|----------------------|-------|
| Proof Pressure Range | 3X    |
| Output Signal Type   | 100mV |

### Product Type Features

|                      |                            |
|----------------------|----------------------------|
| Pressure Sensor Type | mV Output Pressure Sensors |
|----------------------|----------------------------|

|                |                                     |
|----------------|-------------------------------------|
| Pressure Type  | Gauge                               |
| Sensor Package | Weldable, Threaded Process Fittings |

### Usage Conditions

|  |         |
|--|---------|
|  | 100 psi |
|--|---------|

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions  |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUN 2020 (209)<br>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>

### Also in the Series | **MEAS 85**



[Media Isolated Pressure Sensors\(42\)](#)

### Customers Also Bought



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_85-100G-5R\\_G1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_85-100G-5R\\_G1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_85-100G-5R\\_G1.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### 85C

English