



MEAS | MEAS 85 Series

TE Internal #: 85-300G-0U

TE Internal Description: 300 PSIG WELDABLE PRESSURE SENSOR

Pressure Sensor, MV Output, 13 mm

[View on TE.com >](#)

Sensors > Pressure Sensors > Media Isolated Pressure Sensors > Pressure Sensor, MV Output, 13 mm



Pressure: [ 300 psi ]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Gauge

Output Signal Type: 100mV

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

[All Pressure Sensor, MV Output, 13 mm \(4\)](#)

## Features

### Product Type Features

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

### Configuration Features

|                       |            |
|-----------------------|------------|
| Electrical Connection | Wire Leads |
|-----------------------|------------|

### 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      |
|                      | 300 psi |
| Output Signal Type   | 100mV   |



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 with Exemptions   |
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<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>

Compatible Parts

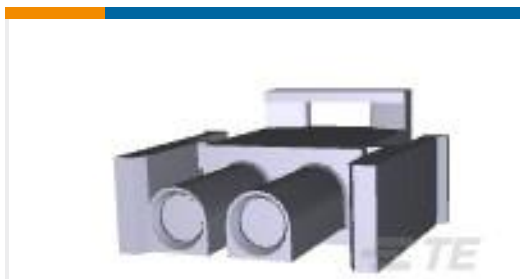


Also in the Series | [MEAS 85 Series](#)



Media Isolated Pressure Sensors(42)

### Customers Also Bought



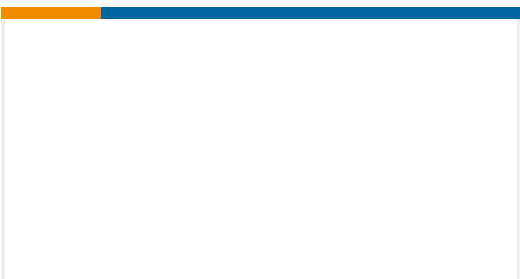
TE Part #350777-1  
02P UMNL PLUG HSG



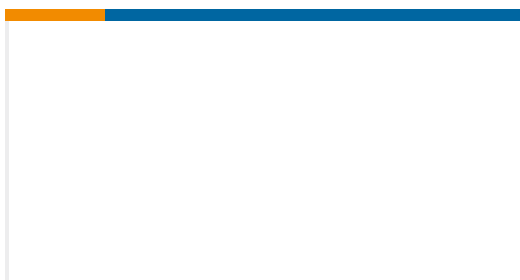
TE Part #350218-1  
UMNL PIN 20-14 .0126PTPBR



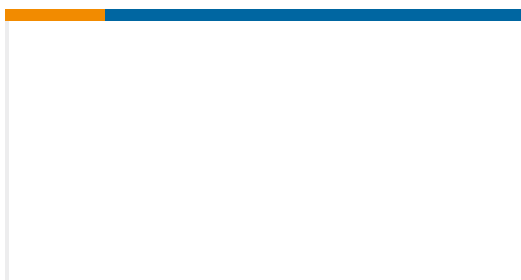
TE Part #87N-3000A-0L  
3000PSIA MV PRESSURE SENSOR W /LEAD WIRES



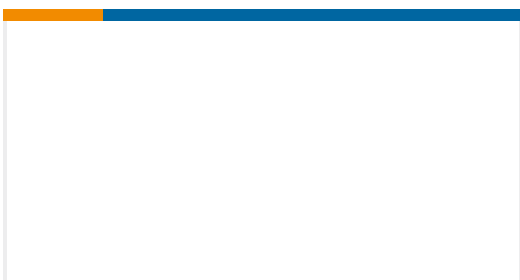
TE Part #Y34222-3SNV0030000  
HERM RECP



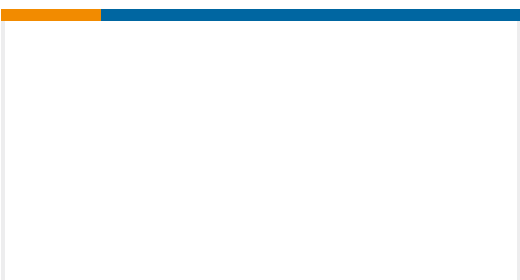
TE Part #85-050G-0U  
NISO,NO FIT,UNCOMP



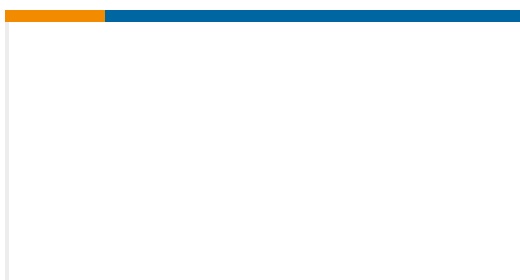
TE Part #85-100A-0U  
NISO,NO FIT,UNCOMP



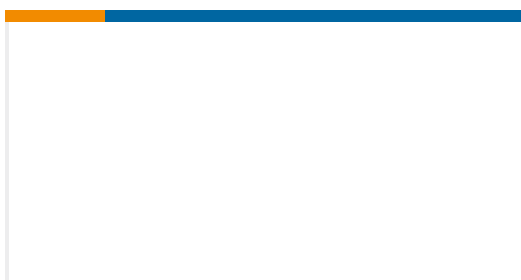
TE Part #85-100G-0U  
NISO,NO FIT,UNCOMP



TE Part #85-300A-0U  
NISO,NO FIT,UNCOMP



TE Part #85-500A-0U  
NISO,NO FIT,UNCOMP



TE Part #85-500G-0U  
NISO,NO FIT,UNCOMP

### Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_85-300G-0U\\_D.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_85-300G-0U\\_D.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_85-300G-0U\\_D.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

**85U**

English