



Sensors > Pressure Sensors > Media Isolated Pressure Sensors



Pressure: [ 30 psi ]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Absolute

Output Signal Type: 100mV

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

Features

Product Type Features

|                      |                            |
|----------------------|----------------------------|
| Pressure Sensor Type | mV Output Pressure Sensors |
| Pressure Type        | Absolute                   |
| Sensor Package       | O-Ring Mount               |

Configuration Features

|                       |                                |
|-----------------------|--------------------------------|
| Electrical Connection | 6" Ribbon Cable with Connector |
|-----------------------|--------------------------------|

Electrical Characteristics

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

Dimensions

|                  |                   |
|------------------|-------------------|
| Product Diameter | 15.82 mm[.622 in] |
| Product Height   | 11.4 mm[.448 in]  |

Usage Conditions

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

Operation/Application

|                      |        |
|----------------------|--------|
| Proof Pressure Range | 3X     |
|                      | 30 psi |
| Output Signal Type   | 100mV  |

Other

|  |  |
|--|--|
|  |  |
|--|--|



|                 |         |
|-----------------|---------|
| Non-Linearity ± | .1 %    |
| Sensor Options  | No Tube |

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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>SVHC > Threshold:<br>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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



TE Part # 86-030G-R  
30 PSIG RIBBON CABLE MV  
PRESSURE SENSOR



TE Part # 86-030A-R  
30 PSIA RIBBON CABLE MV  
PRESSURE SENSOR



Also in the Series

MEAS 86 Series

Media Isolated Pressure Sensors(40)

Customers Also Bought

TE Part #86-300A-C  
300 PSIA CABLE CONN MV PRESSURE SENSOR

TE Part #9-226176-2  
BRAID PIC TERMINAL, LF PLTG

TE Part #1-640415-1  
UMNL KEYING PLUG V2 NATL

TE Part #350851-1  
UMNL SOK 24-18 PTPBR

TE Part #31428  
TERMINAL,BUDG R 26-22 4

TE Part #86-050G-R  
50 PSIG RIBBON CABLE MV PRESSURE SENSOR

TE Part #154N-001G-R  
1 PSIG RIBBON CABLE MV PRESSURE SENSOR

TE Part #1SNA199420R2100  
BADRL

TE Part #1SNA164716R2100  
BA2

TE Part #86-050A-X-10400  
ASSY,NISO,LP,HAST,MDL 10400

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_86-030A-C\_G1.2d\_dxf.zip
- English
- Customer View Model



[ENG\\_CVM\\_CVM\\_86-030A-C\\_G1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_86-030A-C\\_G1.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[86C](#)

English