

86BSD015PG-3AIC ✓ ACTIVE

MEAS | MEAS 86 Series

TE Internal #: 86BSD015PG-3AIC

TE Internal Description: 15 PSIG 14 BIT DIGITAL PRESSURE SENSOR

16MM DIGITAL OUTPUT PRESSURE SENSOR

[View on TE.com >](#)



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 16MM DIGITAL OUTPUT PRESSURE SENSOR



Pressure: [15 psi]

Media Isolated Pressure Sensor Type: **Media Isolated Digital Output Pressure Sensors**

Media Isolated Pressure Sensor Style: **Gauge**

Media Isolated Pressure Sensor Accuracy: **± .25 %**

Media Isolated Pressure Sensor Supply Voltage: **5 V**

[All 16MM DIGITAL OUTPUT PRESSURE SENSOR \(7\)](#)

Features

Product Type Features

| | |
|--------------------------------------|--|
| Media Isolated Pressure Sensor Type | Media Isolated Digital Output Pressure Sensors |
| Media Isolated Pressure Sensor Style | Gauge |

Configuration Features

| | |
|-----------------------|--------------------------|
| Electrical Connection | Cable w/ Connector |
| Interface | I ² C (0x28H) |

Electrical Characteristics

| | |
|---|--------|
| Supply Current | 1.5 mA |
| Media Isolated Pressure Sensor Supply Voltage | 5 V |

Dimensions

| | |
|------------|---|
| Dimensions | Dia 15.82 x 9.3 mm [Dia .622 x .366 in] |
|------------|---|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Total Error Band | ± 1 % |
| Operating Temperature Range | -40 – 125 °C [-40 – 257 °F] |

Operation/Application

| | |
|----------------------|----|
| Proof Pressure Range | 3X |
|----------------------|----|



15 psi

Media Isolated Pressure Sensor Accuracy ± .25 %

Packaging Features

Media Isolated Pressure Sensor Package O-Ring Mount

Other

Sensor Options None

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 2023 (235)
 Candidate List Declared Against: JAN 2023 (233)
 SVHC > Threshold:
 Pb (92.5% in component)
 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.15% in component)

Article Safe Usage Statements:
 Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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

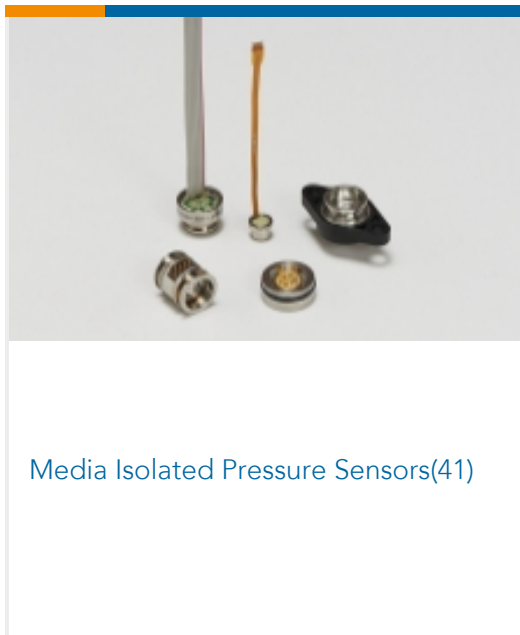
Product Compliance Disclaimer

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>

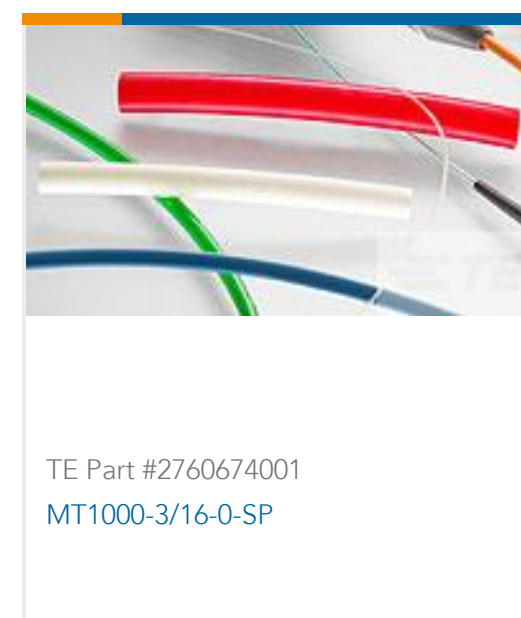
Compatible Parts



Also in the Series | MEAS 86 Series



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_86BSD015PG-3AIC_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86BSD015PG-3AIC_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86BSD015PG-3AIC_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

86BSD

English