



MEAS | MEAS 86 Series

TE Internal #: 86BSD015PG-3AIC

TE Internal Description: 15 PSIG 14 BIT DIGITAL PRESSURE SENSOR

[View on TE.com >](#)

Sensors > Pressure Sensors > Media Isolated Pressure Sensors



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**

## 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 <sup>2</sup> 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]
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### 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
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## Other

Sensor Options	None
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## 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 2022 (224) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (3.7% in component ) <b>Article Safe Usage Statements:</b> 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

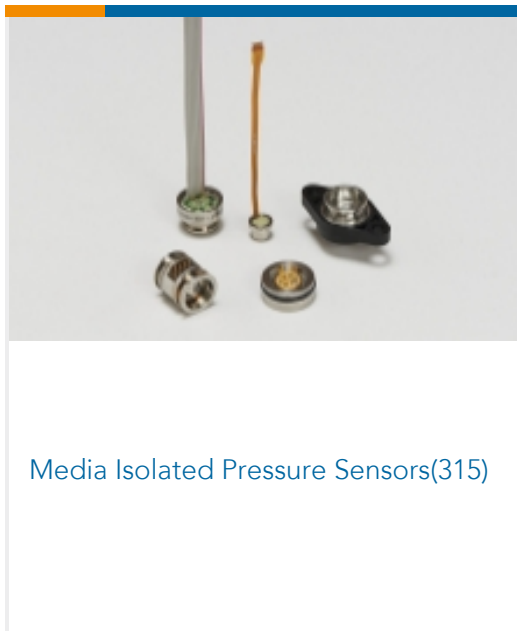
### Product Compliance Disclaimer

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



### 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

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#### Datasheets & Catalog Pages

[86BSD](#)

English