



Sensors > Pressure Sensors > Media Isolated Pressure Sensors



Pressure: [ 50 psi ]

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

Media Isolated Pressure Sensor Style: **Differential**

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

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

## Features

### Product Type Features

Media Isolated Pressure Sensor Type	Media Isolated mV Output Pressure Sensors
Media Isolated Pressure Sensor Style	Differential

### Configuration Features

Pressure Port/Fitting	O- Ring Mount
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### Electrical Characteristics

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

### Dimensions

Dimensions	Dia 15.82 x 17.52 mm [Dia .622 x .69 in]
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### Usage Conditions

Operating Temperature Range	-40 – 125 °C [ -40 – 257 °F ]
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### Operation/Application

Proof Pressure Range	3X 50 psi
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### Packaging Features

Media Isolated Pressure Sensor Package	O-Ring Mount
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### Other



Non-Linearity	± .1 %
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### 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

 <p>TE Part # DP86-005D 5 PSID MV DIFFERENTIAL PRESSURE SENSOR</p>	 <p>TE Part # DP86-001D 1PSID MV DIFFERENTIAL PRESSURE SENSOR</p>	 <p>TE Part # DP86-015D 15 PSID MV DIFFERENTIAL PRESSURE SENSOR</p>	 <p>TE Part # DP86-030D 30 PSID MV DIFFERENTIAL PRESSURE SENSOR</p>
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### Also in the Series | [MEAS DP86 Series](#)



Media Isolated Pressure Sensors(9)

### Customers Also Bought

TE Part #DP86-500D  
500 PSID MV DIFFERENTIAL PRESSURE SENSOR

TE Part #85-005G-0RT  
NISO,GAGE,NO FIT,R.CABLE/TUB

TE Part #85-030V-0R  
VACGAGE,NO FITTING,RIBCBL

TE Part #85-300V-0R  
VACGAGE,NO FITTING,RIBCBL

TE Part #85-500G-0R  
NISO,GAGE,NO FIT,RIBBON CBL

TE Part #86-030V-R  
ASSY,NISO,LP,VAC,CABLE

TE Part #86-300A-R  
NISO,LP,ABS,RIBBON CABLE

TE Part #86-300V-R  
ASSY,NISO,LP,VAC,CABLE

TE Part #86-500V-R  
ASSY,NISO,LP,VAC,CABLE

TE Part #89-10KA-0R  
NISO,ABS,NO FIT,CABLE

### Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_DP86-050D\\_F.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_DP86-050D\\_F.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_DP86-050D\\_F.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

[DP86](#)

English