

DP86-015D ✓ ACTIVE

MEAS | MEAS DP86 Series

TE Internal #: DP86-015D

TE Internal Description: 15 PSID MV DIFFERENTIAL PRESSURE SENSOR

Differential MV Output Pressure Sensor

[View on TE.com >](#)



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > Differential MV Output Pressure Sensor



Pressure: [ 15 psi ]

Pressure Sensor Type: Media Isolated mV Output Pressure Sensors

Pressure Type: Differential

Supply Voltage Range: 5 V

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

[All Differential MV Output Pressure Sensor \(8\)](#)

## Features

### Product Type Features

|                      |   |
|----------------------|---|
| Pressure Sensor Type | Media Isolated mV Output Pressure Sensors |
| Pressure Type        | Differential                              |
| Sensor Package       | O-Ring Mount                              |

### Electrical Characteristics

|                      |        |
|----------------------|--------|
| Supply Current       | 1.5 mA |
| Supply Voltage Range | 5 V    |

### Dimensions

|                  |                    |
|------------------|--------------------|
| Product Diameter | 15.82 mm [.622 in] |
| Product Height   | 17.52 mm [.69 in]  |

### Usage Conditions

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

### Operation/Application

|                      |        |
|----------------------|--------|
| Proof Pressure Range | 3X     |
|                      | 15 psi |

### Other



|                 |               |
|-----------------|---------------|
| Non-Linearity ± | .1 %          |
| Port Fitting    | O- Ring Mount |

### 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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 DP86 Series](#)



Media Isolated Pressure Sensors(8)

### Customers Also Bought



TE Part # 86-500G-R  
500 PSIG RIBBON CABLE MV  
PRESSURE SENSOR



TE Part # DP86-030D  
Differential MV Output Pressure Sensor



TE Part # 794610-1  
MICRO MNL RPT CNT,LS PC,TIN



TE Part # 1-794612-0  
PIN CONT 20-24 TIN PLATE L/P



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



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



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



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



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

### Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_DP86-015D\\_F.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_DP86-015D\\_F.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_DP86-015D\\_F.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

[DP86](#)

English