

DP86-500D ✓ ACTIVE

MEAS | MEAS DP86 Series

TE Internal #: DP86-500D

TE Internal Description: 500 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: [500 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]**

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

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 500 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



Also in the Series | MEAS DP86 Series



Media Isolated Pressure Sensors(8)

Customers Also Bought



TE Part #86-100A-C
100 PSIA CABLE CONN MV
PRESSURE SENSOR



TE Part #154N-500G-R
19MM MV OUTPUT PRESSURE
SENSOR



TE Part #02350531-000
GA-HD PCA-116-100 ASSY



TE Part #DP86-100D
100 PSID MV DIFFERENTIAL
PRESSURE SENSOR



TE Part #86-015V-R
ASSY,NISO,LP,VAC,CABLE



TE Part #89-01KA-0R
NISO,ABS,NO FIT,RIBBON CBL



TE Part #US381-000002-002BA
PRESS XDCR US381-000002-002BA

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_DP86-500D_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DP86-500D_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DP86-500D_F.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

DP86

English

