DP86-005D ✔ ACTIVE

MEAS | MEAS DP86 Series

TE Internal #: DP86-005D

TE Internal Description: 5 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: **[5 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
	5 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) Candidate List Declared Against: JUN 2020 (209) 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

TE Part # CAT-MIPS0027
Differential MV Output Pressure Sensor

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 # 1-2823449-1
M12 A-M-5, CAT 5 RADOX 6.6MM, H&S

TE Part # DP86-030D
30 PSID MV DIFFERENTIAL PRESSURE SENSOR

TE Part # 2-1676481-7
CPF 0603 62R 0.1% 25PPM 1K RL

TE Part # 5-1625867-3
RP 1J 0.166W 21R5 0.1% 25PPM 1K RL

TE Part # 1565917-4
EMBOSS ASSY DDR2 SODIMM SOCKET 200P 5.2H

TE Part # 10226359-00
XPC10-X-750PG

TE Part # 2428274-3
QSFP28-QSFP28,AOC 3m,SonyVCSEL, BER 1E-12

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

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

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DP86-005D_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DP86-005D_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DP86-005D_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

DP86

English