



MEAS | MEAS 86 Series

TE Internal #: 86-050G-R

TE Internal Description: 50 PSIG RIBBON CABLE MV PRESSURE SENSOR

MV Output Pressure Sensor, 16 mm

[View on TE.com >](#)

Sensors > Pressure Sensors > Media Isolated Pressure Sensors > MV Output Pressure Sensor, 16 mm



Pressure: [50 psi]

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

Media Isolated Pressure Sensor Style: **Gauge**

Output/Span: **100mV**

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

[All MV Output Pressure Sensor, 16 mm \(30\)](#)

Features

Product Type Features

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

Configuration Features

Electrical Connection	Ribbon Cable
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Electrical Characteristics

Supply Current	1.5 mA
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Dimensions

Dimensions	Dia 15.82 x 11.4 mm [Dia .622 x .448 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
Output/Span	100mV

Packaging Features



Media Isolated Pressure Sensor Package	O-Ring Mount
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Other

Non-Linearity	± .1 %
Sensor Options	No Tube

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 86 Series



Media Isolated Pressure Sensors(41)

Customers Also Bought

TE Part #DP86-005D
5 PSID MV DIFFERENTIAL PRESSURE SENSOR

TE Part #86-300G-R
MV Output Pressure Sensor, 16 mm

TE Part #154N-001G-R
1 PSIG RIBBON CABLE MV PRESSURE SENSOR

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

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

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

TE Part #20005030-01
PRESS XDCR M3254-000002-100BG

TE Part #20014203-34
PRESS XDCR M3254-00000E-020BG

TE Part #20009287-00
PRESS XDCR M3284-00000E-250BG

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_86-050G-R_G1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86-050G-R_G1.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_86-050G-R_G1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

86C

English