



Sensors > Pressure Sensors > Media Isolated Pressure Sensors



Pressure Sensor Type: **Analog Pressure Sensor Modules**

Pressure Type: **Gauge**

Output Signal Type: **.5 – 4.5 V**

Supply Voltage Range: **5 V**

Operating Temperature Range: **-20 – 85 °C [-4 – 185 °F]**

Features

Product Type Features

Pressure Sensor Type	Analog Pressure Sensor Modules
Pressure Type	Gauge
Sensor Package	O-Ring Mount

Configuration Features

Electrical Connection	6" Ribbon Cable
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Electrical Characteristics

Supply Voltage Range	5 V
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Dimensions

Product Diameter	15.82 mm[.622 in]
Product Height	9.3 mm[.366 in]

Usage Conditions

Total Error Band ±	3 %
Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]

Operation/Application

Proof Pressure Range	3X
Output Signal Type	.5 – 4.5 V

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
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.14% in Component Part) Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part) Pb (95% in 12444632583) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 86A3R-000000-005PG
5 PSIG ANALOG PRESSURE SENSOR



TE Part # 86A3R-000000-100PG
100 PSIG ANALOG PRESSURE SENSOR

Also in the Series | MEAS 86



Media Isolated Pressure Sensors(40)

Customers Also Bought



TE Part #539744-2
DIE F2,8FF TAB



TE Part #34176
TERMINAL,PG SPD 12-10 10



TE Part #323818
TERMINAL,PIDG R OFS 16-14 10



TE Part #CAT-D486-CH8172
DEUTSCH DTP Housings



TE Part #855366-000
382A012-25/225-0



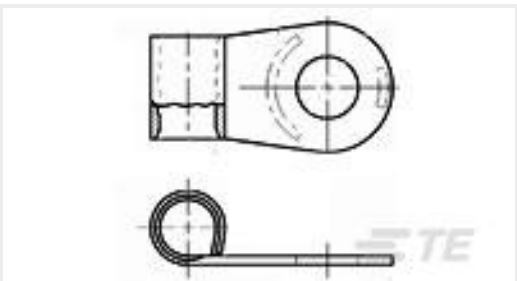
TE Part #5677564008
RNF-3000-3/1-0-SP



TE Part #NB25842001
SCL-3/8-0-STK



TE Part #DTP4P-BT
BOOT, 4P, REC, ST, GRY



TE Part #36271
TERMINAL,SOLIS FLAG R 12-10 10

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_86A3R-000000-150PG_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_86A3R-000000-150PG_B.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_86A3R-000000-150PG_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[86A](#)

English