



Sensors > Pressure Sensors > Media Isolated Pressure Sensors



Pressure: [100 psi]

Pressure Sensor Type: Analog Pressure Sensor Modules

Pressure Type: Gauge

Output Signal Type: .5 – 4.5 V

Supply Voltage Range: 5 V

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 |
|-----------------------|-----------------|

Electrical Characteristics

| | |
|----------------------|-----|
| Supply Voltage Range | 5 V |
|----------------------|-----|

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 |
| | 100 psi |
| 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: JUNE 2024 (241) 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



TE Part # 86A3R-000000-005PG
5 PSIG ANALOG PRESSURE SENSOR



TE Part # 86A3R-000000-150PG
150 PSIG ANALOG PRESSURE SENSOR

Also in the Series | MEAS 86 Series



Media Isolated Pressure Sensors(40)

Customers Also Bought



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



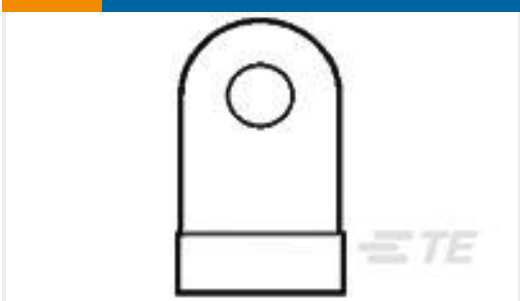
TE Part #2102353-2
CeeLok FAS-T, Plug Kit, ZnNi



TE Part #1423673-5
W51-A121B1-10=CKTBKR,THERM,ROC



TE Part #2-1546306-1
21P.374" DR BARRIER STRIP



TE Part #325069
TERMINAL,SOLIS FLAG R 16-14 8



TE Part #NB25862001
SCL-3/16-0-STK



TE Part #1969590-3
HSG, REC, PANEL MOUNT, SINGLE ROW,EP2.5



TE Part #1-1969590-0
HSG, REC, PANEL MOUNT, SINGLE ROW,EP2.5



TE Part #1969590-6
HSG, REC, PANEL MOUNT, SINGLE ROW,EP2.5

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_86A3R-000000-100PG_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_86A3R-000000-100PG_B.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_86A3R-000000-100PG_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[86A](#)

English