



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 9MM MV OUTPUT PRESSURE SENSOR



Pressure: [5000 psi]

Pressure Sensor Type: mV Output Pressure Sensors

Pressure Type: Absolute

Output Signal Type: Sensitivity = 15 - 28mV/V

Supply Voltage Range: 5 V

All 9MM MV OUTPUT PRESSURE SENSOR (7)

Features

Product Type Features

| | |
|----------------------|----------------------------|
| Pressure Sensor Type | mV Output Pressure Sensors |
| Pressure Type | Absolute |
| Sensor Package | Weldable |

Configuration Features

| | |
|-----------------------|------------|
| Electrical Connection | Wire Leads |
|-----------------------|------------|

Electrical Characteristics

| | |
|----------------------|--------|
| Supply Current | 1.5 mA |
| Supply Voltage Range | 5 V |

Dimensions

| | |
|------------------|------------------|
| Product Diameter | 9.04 mm[.356 in] |
| Product Height | 13.2 mm[.52 in] |

Usage Conditions

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

Operation/Application

| | |
|----------------------|----------|
| Proof Pressure Range | 3X |
| | 5000 psi |



| | |
|--------------------|---------------------------|
| Output Signal Type | Sensitivity = 15 - 28mV/V |
| Other | |
| Non-Linearity ± | .25 % |
| Port Fitting | Weldable (No Thread) |

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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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>

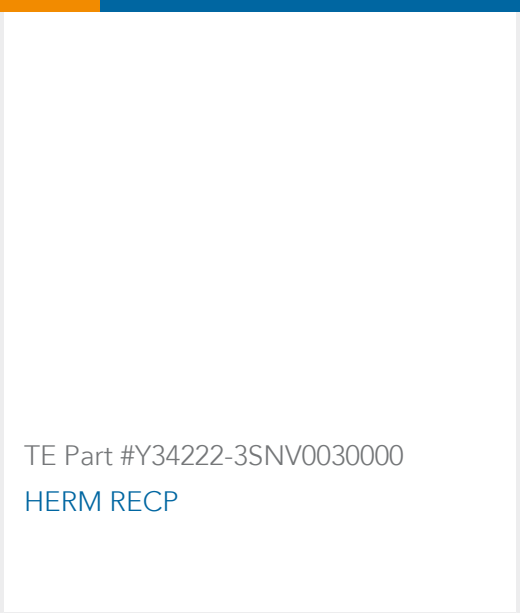
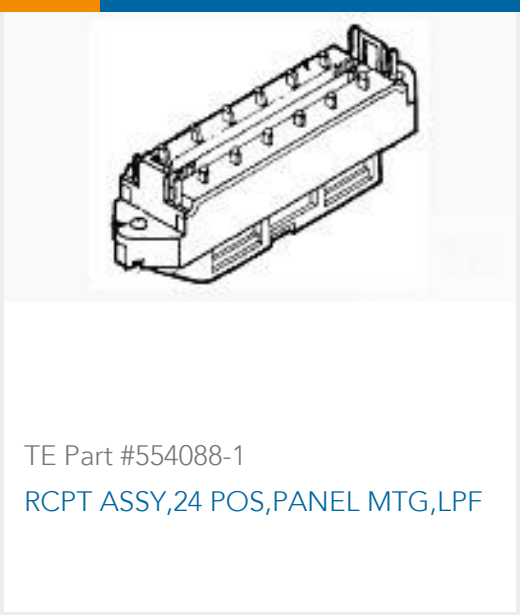
Compatible Parts



Also in the Series | MEAS 89 Series



Customers Also Bought



Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_89-05KA-0U_C.2d_dxf.zip
- English
- Customer View Model
- ENG_CVM_CVM_89-05KA-0U_C.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_89-05KA-0U_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[89U](#)

English