



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



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

Pressure Type: **Absolute**

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

Supply Voltage Range: **5 V**

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

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
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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

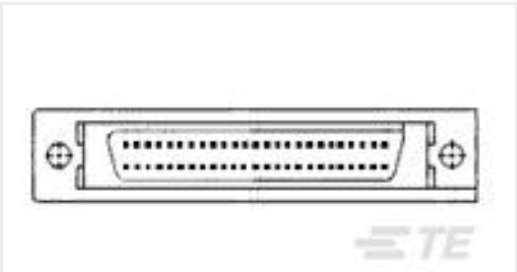


Also in the Series | MEAS 89



Media Isolated Pressure Sensors(27)

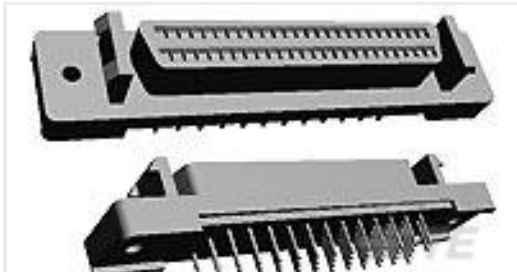
Customers Also Bought



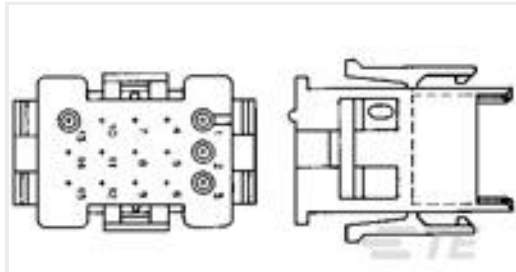
TE Part #2-5174339-5
AMPLIMITE CAP HEADER



TE Part #3-640429-4
04P MTA156 CONN ASSY 24AWG
WHT



TE Part #5749721-7
68 50SR VERT RCPT ASSY



TE Part #1-640511-0
09P MR II CAP HSG V0



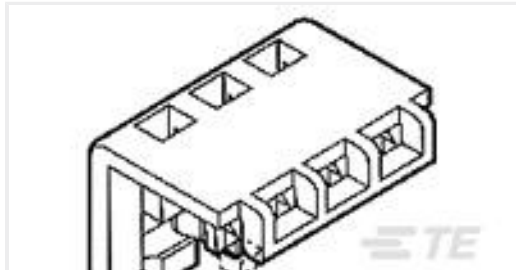
TE Part #130014
TERM, R, PG, 22-16, M5



TE Part #ZPF000000000200531
DTS 24 K 11-35 UN



TE Part #ANT-GNCP-TH258L15
Antenna GNSS L1L5 25x25 1.13 UFL



TE Part #643067-4
04P MTA156 CMOLDED COVER



TE Part #130205
PIDG RING



TE Part #89-10KA-0U
NISO,NO FIT,LEADS

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_89-03KA-0U_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_89-03KA-0U_C.3d_igs.zip

89-03KA-0U

3K PSIA 316L MV PRESSURE SENSOR



English

Customer View Model

[ENG_CVM_CVM_89-03KA-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