

1451-015A-N

✓ ACTIVE

MEAS

TE Internal #: 1451-015A-N
mV Output Pressure Sensors, Absolute, 15 psi, 60mV, ±0.25% Non-linearity Pressure Accuracy, 3 V Supply Voltage Range, -40 – 125 °C [-40 – 257 °F]

[View on TE.com >](#)



Sensors > Pressure Sensors > Board Mount Pressure Sensors > MV Output Pressure Sensor with Plastic Port



Pressure Sensor Type: **mV Output Pressure Sensors**
Pressure Type: **Absolute**
Output Signal Type: **60mV**
Pressure Accuracy: **±0.25% Non-linearity**
Supply Voltage Range: **3 V**

[All MV Output Pressure Sensor with Plastic Port \(1\)](#)

Features

Product Type Features

Sensor Package	Surface Mountable
Pressure Sensor Type	mV Output Pressure Sensors
Pressure Type	Absolute

Electrical Characteristics

Supply Voltage Range	3 V
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Dimensions

Product Width	7.6 mm[.299 in]
Product Length	7.6 mm[.3 in]
Product Height	3.43 mm[.135 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Operation/Application

Output Signal Type	60mV
Pressure Accuracy	±0.25% Non-linearity

Other

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Sensor Options	Narrow Hole, No Option
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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	Not Yet Reviewed
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	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>

Customers Also Bought



TE Part #1-2176230-2
3522 6R8 5% 3W



TE Part #9-1622826-2
CRG0402 1% 47R



TE Part #1-1623732-1
BCHE 7 W 18K 5%



TE Part #5053072021
RNF-100-3/16-6-STK



TE Part #3-2176325-7
CRGP 0402 10K 1%

TE Part #2-1761606-7
IDC LOW PRO HDR 20P VERT LA

TE Part #1676192-2
RN 0805 14K 0.1% 10PPM 1KRL

TE Part #1614902-2
CPF0805 1K0 0.1% 25PPM 5K RL

TE Part #5053092090
RNF-100-1/4-0-STK

TE Part #3-1761606-5
IDC LOW PRO HDR 50P VERT LA

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1451-015A-N_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1451-015A-N_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1451-015A-N_C.3d_stp.zip

English

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