D5154-000005-050PD ✔ ACTIVE

MEAS | MEAS D5100

TE Internal #: D5154-000005-050PD

TE Internal Description: PRESS XDCR D5154-000005-050PD

Differential Pressure Transducer

View on TE.com >

Sensors > Pressure Sensors > Pressure Transducers > Differential Pressure Transducer



Pressure Sensor Type: **Industrial Pressure Transducer**

Pressure: **3.44 bar [50 psi]**

Pressure Type: **Differential**

Supply Voltage Range: **10 V**

Output Signal Type: **4 - 20 mA**

All Differential Pressure Transducer (5)

Features

Product Type Features

Pressure Sensor Type	Industrial Pressure Transducer
Pressure Type	Differential

Configuration Features

Electrical Connection	Packard

Electrical Characteristics

Supply Voltage Range	10 V

Dimensions

Product Width	25.4 mm[1 in]
Product Length	81.02 mm[3.19 in]
Product Height	77.7 mm[3.06 in]

Usage Conditions

Pressure	3.44 bar[50 psi]
Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]

Operation/Application

Proof Pressure Range	3X, 10X Rated
Output Signal Type	4 - 20 mA

Pressure Accuracy	Down to ± .1% Span

Other

Sensor Options	None
Port Fitting	1/4 MNPT

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 2024 (240) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.15% in component) Pb (3.7% in component) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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



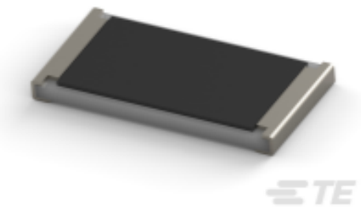
TE Part # CAT-PTT0001
Differential Pressure Transducer

Also in the Series | MEAS D5100



Pressure Transducers(5)

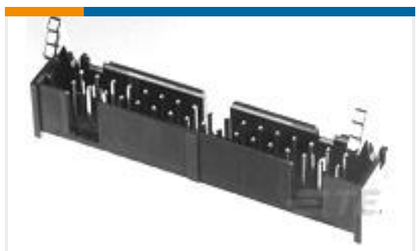
Customers Also Bought



TE Part # 2176071-9
SMD Power Resistor: 2 Watt, 3521 Series



TE Part # 1-2176230-1
3522 5R6 5% 3W



TE Part # 1-1761608-3
IDC LOW PRO HDR 40P VERT SHT L



TE Part # U5254-000002-014BA
PRESS XDCR U5254-000002-014BA



TE Part # 1-1827872-0
DYNAMIC 1100D HDR ASSY V 40PX BLACK GOLD



TE Part # 9-338069-4
MICRO-MATCH SMD FTE



TE Part # 2110069-1
SFP+ 1x4 Cage Assembly, Light Pipes

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_D5154-000005-050PD_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_D5154-000005-050PD_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_D5154-000005-050PD_K.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

D5100

English