



Sensors > Pressure Sensors > Pressure Transducers > Differential Pressure Transducer



Pressure Transducer Sensor Type: **Industrial Pressure Transducer**

Pressure Range: **0 – 50 psi**

Pressure Type: **Differential**

Pressure Transducer Supply Voltage: **10 V**

Output/Span: **4 – 20 mA**

[All Differential Pressure Transducer \(5\)](#)

Features

Product Type Features

Pressure Transducer Sensor Type	Industrial Pressure Transducer
Pressure Type	Differential

Configuration Features

Electrical Connection	Packard
Pressure Port/Fitting	1/4 MNPT

Electrical Characteristics

Pressure Transducer Supply Voltage	10 V
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Dimensions

Dimensions	25.4 x 58.4 x 72 mm[.99 x 2.3 x 2.83 in]
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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
Pressure Range	0 – 50 psi
Output/Span	4 – 20 mA



Pressure Accuracy

Down to $\pm .1\%$ Span

Other

Sensor Options	None
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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 2023 (235) 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>

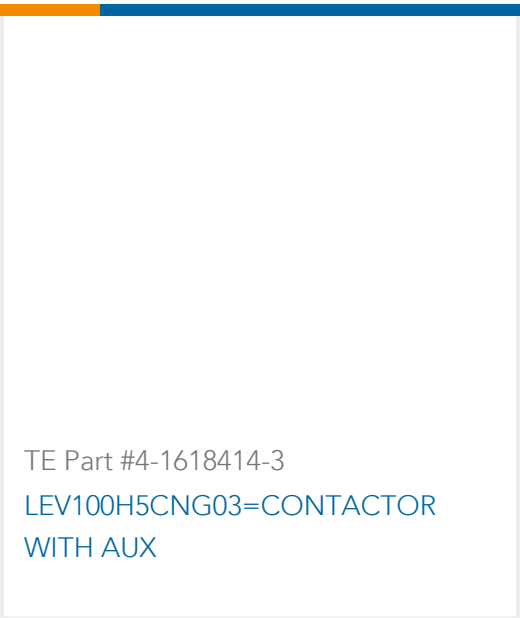
Compatible Parts



Also in the Series | MEAS D5100



Customers Also Bought



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