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Pressure Sensor Type: **Analog Pressure Sensor Modules, Digital Pressure Sensor**

Pressure Type: **Absolute**

Pressure: **750.06 mmHG**

Proof Pressure Range: **2 bar**

[All HDI - Amplified Pressure Sensors \(51\)](#)

Features

Product Type Features

Sensor Package	6 pin SMD
Pressure Sensor Type	Analog Pressure Sensor Modules, Digital Pressure Sensor
Pressure Type	Absolute

Electrical Characteristics

Supply Voltage Range	4.5 – 5.5 V
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Dimensions

Product Width	11.9 mm[.468 in]
Product Length	15.7 mm[.618 in]
Product Height	15.86 mm[.624 in]

Usage Conditions

Pressure	1 bar[14.5 psi]
Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]

Operation/Application

Output Interface	Analog, I²C
Resolution	12
Pressure	750.06 mmHG



Proof Pressure Range	2 bar
Output Signal Type	0 – 5 V
Pressure Accuracy	±0.5 %FSS

Packaging Features

Sensor Port Configuration	Single Sideport
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Other

Sensor Options	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 with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (18% in Component Part) 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.



Compatible Parts

TE Part # 2003322-F
HDIB001GBY8H5; PRES; +-1bar; 4V; 5V

Also in the Series |

First Sensor HDI

Board Mount Pressure Sensors(51)

Customers Also Bought

TE Part #6368150-1
MJ,TE,8P,CAT5,SHIELDED

Documents

- CAD Files
- Customer View Model
- ENG_CVM_CVM_2003042-F_1.3d_igs.zip
- English
- Customer View Model
- ENG_CVM_CVM_2003042-F_1.3d_stp.zip
- English
- Customer View Model
- ENG_CVM_CVM_2003042-F_1.2d_dxf.zip
- English
- 3D PDF
- 3D

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



Datasheets & Catalog Pages

HDI - Amplified Pressure Sensors

English