



MEAS | MEAS MS4525

TE Internal #: 4525-DS3A001DP

TE Internal Description: 1PSI DP PRESSURE SENSOR 10% TO 90%

PCB MOUNTED ANALOG PRESSURE SENSOR

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Sensors > Pressure Sensors > Board Level Pressure Sensors > PCB MOUNTED ANALOG PRESSURE SENSOR



Pressure: [ 1 psi ]

Board Level Pressure Sensor Type: **Analog Pressure Sensor Modules**

Board Level Pressure Sensor Style: **Differential**

Output/Span: **10 - 90% Vdc**

Board Level Pressure Sensor Accuracy: **±0.25% Span**

## Features

### Product Type Features

Board Level Pressure Sensor Type	Analog Pressure Sensor Modules
Board Level Pressure Sensor Style	Differential

### Electrical Characteristics

Board Level Pressure Sensor Supply Voltage	3.3 V
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### Dimensions

Dimensions	12.5 x 9.9 mm [.49 x .39 in]
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### Usage Conditions

Operating Temperature Range	-10 – 85 °C [14 – 185 °F]
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### Operation/Application

Interface Type	I2C (Addr.0x51H)
	1 psi
Output/Span	10 - 90% Vdc
Board Level Pressure Sensor Accuracy	±0.25% Span

### Packaging Features

Board Level Pressure Sensor Package	8 pin DIL
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### Other

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
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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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>

## Compatible Parts



Also in the Series | [MEAS MS4525](#)



Board Level Pressure Sensors(15)

## Customers Also Bought



TE Part #2301844-1  
AMPL REC HD20, R/A, 9P, B/L, 4-40 INS



TE Part #2834082-2  
5.0MM SIDE ENTRY MSC 3P\_GY



TE Part #1-2834011-5  
5POS 3.5MM TOP ENTRY  
SCREWLESS CONN.



TE Part #2834076-1  
5.0MM TOP ENTRY MSC 2P\_GY



TE Part #2834095-1  
5.0MM SIDE ENTRY MSC 2P\_GY



TE Part #10219839-00  
PRESS XDCR M3256-00000E-020BG



TE Part #G-TPCO-035  
TS418-1N426



TE Part #2834077-2  
5.08MM TOP ENTRY MSC 3P\_GY



TE Part #4525-DS3A005DP  
PRESS XDCR, ANALOG, PSI RANGE

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_4525-DS3A001DP\\_C.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_4525-DS3A001DP\\_C.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_4525-DS3A001DP\\_C.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

[Data sheet](#)

English