

## MEAS | SMI 6000

TE Internal #: 6295-BCM-S-040-000

Analog Pressure Sensor Modules / Digital Pressure and Altimeter  
 Sensor Modules, Gauge, 555 mmH2O [21.88 inH2O], 40.85 mmHG,  
 SMI 6000

[View on TE.com >](#)

Sensors > Pressure Sensors > Board Mount Pressure Sensors > Low Pressure Digital / Analog Sensor



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

Pressure Type: **Gauge**

Pressure: **.054 bar [ .79 psi ]**

[All Low Pressure Digital / Analog Sensor \(39\)](#)

## Features

### Product Type Features

Sensor Package	SOIC-16
Pressure Sensor Type	Analog Pressure Sensor Modules, Digital Pressure and Altimeter Sensor Modules
Pressure Type	Gauge

### Electrical Characteristics

Supply Voltage Range	3.3 – 5 V
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### Usage Conditions

Pressure	.054 bar[.79 psi]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

### Operation/Application

Output Interface	I <sup>2</sup> C
Pressure	40.85 mmHG
Output Signal Type	16 bit I <sup>2</sup> C
Pressure Accuracy	±1.5% F.S, ±1% F.S

### Packaging Features

Sensor Port Configuration	Dual Vertical
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### Other

Sensor Options

Barb Tube, Dual Output

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

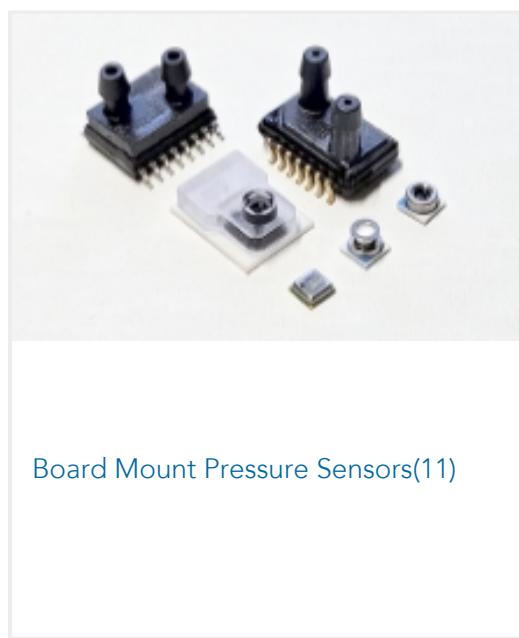
### Product Compliance Disclaimer

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

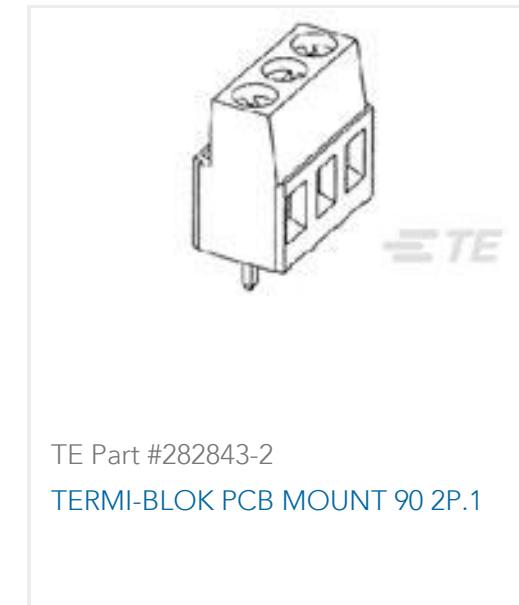


Also in the Series | [SMI 6000](#)



Board Mount Pressure Sensors(11)

## Customers Also Bought

TE Part #7291-BCE-S-010-000  
10mBar Gauge SensorTE Part #165298  
SOLIS DIN 1.5-2.5 R M5TE Part #170349-2  
FF 250 TAB 22-20AWG TPBR  
WITHOUT LATCHTE Part #282843-2  
TERMI-BLOK PCB MOUNT 90 2P.1TE Part #6-2176577-0  
RLC73K 2B R232 1% 5K RL

## Documents

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)
[ENG\\_CVM\\_CVM\\_6295-BCM-S-040-000\\_1.2d\\_dxf.zip](#)

English

[Customer View Model](#)
[ENG\\_CVM\\_CVM\\_6295-BCM-S-040-000\\_1.3d\\_igs.zip](#)

English

[Customer View Model](#)
[ENG\\_CVM\\_CVM\\_6295-BCM-S-040-000\\_1.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[SM7000SM6000SM5000](#)

English

SM6295-BCM-S-040-000

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Gauge, 555 mmH2O [21.88 inH2O], 40.85 mmHG, SMI 6000

