

Sensors > Pressure Sensors > Media Isolated Pressure Sensors > MV Output Pressure Sensor, 16 mm



Pressure: [ 5 psi ]

Pressure Sensor Type: **Media Isolated Analog Pressure Sensor Modules**

Pressure Type: **Gauge**

Output Signal Type: **.5 - 4.5 V**

Supply Voltage Range: **5 V**

[All MV Output Pressure Sensor, 16 mm \(23\)](#)

## Features

### Product Type Features

Pressure Sensor Type	Media Isolated Analog Pressure Sensor Modules
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Pressure Type	Gauge
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Sensor Package	O-Ring Mount
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### Configuration Features

Electrical Connection	6" Ribbon Cable
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### Electrical Characteristics

Supply Voltage Range	5 V
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### Dimensions

Product Diameter	15.82 mm [.622 in]
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Product Height	9.3 mm [.366 in]
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### Usage Conditions

Total Error Band ±	3 %
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Operating Temperature Range	-20 - 85 °C [-4 - 185 °F]
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### Operation/Application

Proof Pressure Range	3X
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5 psi

Output Signal Type	.5 - 4.5 V
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

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: JUNE 2023 (235) 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>

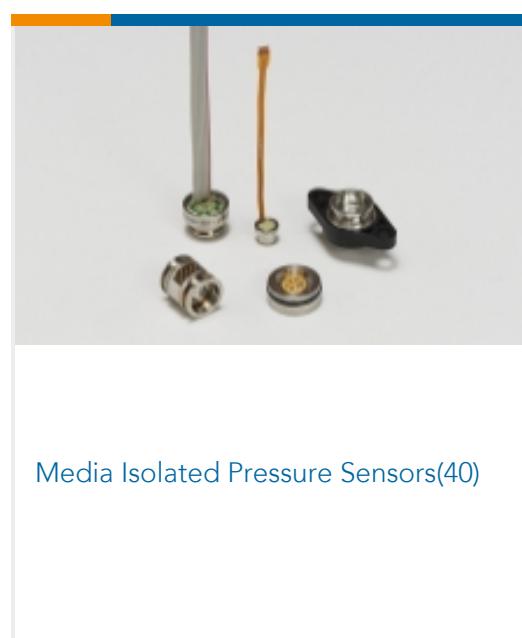
## Compatible Parts



TE Part # 86A3R-000000-100PG  
100 PSIG ANALOG PRESSURE SENSOR

TE Part # 86A3R-000000-150PG  
150 PSIG ANALOG PRESSURE SENSOR

## Also in the Series | [MEAS 86 Series](#)



Media Isolated Pressure Sensors(40)

## Customers Also Bought

TE Part # T4011008031-000  
M8,SCREW, MALE,S,UNSHIELD,3P,  
GOLDTE Part # 1-338069-8  
MICRO-MATCH SMD FTETE Part # MS560702BA03-50  
MS5607-02BA SS CAP ALTIMETER T&RTE Part # 8-87579-5  
06 MODII HDR DRRA SHRD LFTE Part # 6-2176416-5  
9W STD M/OX 5% 24KTE Part # 3-2176369-3  
RQ 0603 86R6 0.1% 10PPM 5K RLTE Part # 20-0584  
EMITTER 660/905NM 1.2TE Part # 20-0696  
DETECTOR ASSY 8.07 SQMM

## Documents

### CAD Files

[3D PDF](#)
[3D](#)

#### Customer View Model

[ENG\\_CVM\\_CVM\\_86A3R-000000-005PG\\_B.2d\\_dxf.zip](#)
[English](#)

#### Customer View Model

[ENG\\_CVM\\_CVM\\_86A3R-000000-005PG\\_B.3d\\_igs.zip](#)
[English](#)

#### Customer View Model

[ENG\\_CVM\\_CVM\\_86A3R-000000-005PG\\_B.3d\\_stp.zip](#)
[English](#)

### Datasheets & Catalog Pages

[86A](#)
[English](#)

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86A3R-000000-005PG

5 PSIG ANALOG PRESSURE SENSOR

