

89-05KS-4R ✓ ACTIVE

MEAS | MEAS 89 Series

TE Internal #: 89-05KS-4R

TE Internal Description: 5K PSIS 316L MV RIBBON PRESSURE

SENSOR

9MM MV OUTPUT PRESSURE SENSOR

[View on TE.com >](#)



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 9MM MV OUTPUT PRESSURE SENSOR



Pressure: [ 5000 psi ]

Pressure Sensor Type: **Media Isolated mV Output Pressure Sensors**

Pressure Type: **Sealed Gauge**

Output Signal Type: **125 mV**

Operating Temperature Range: **-40 - 125 °C [ -40 - 257 °F ]**

[All 9MM MV OUTPUT PRESSURE SENSOR \(7\)](#)

## Features

### Product Type Features

Pressure Sensor Type	Media Isolated mV Output Pressure Sensors
Pressure Type	Sealed Gauge
Sensor Package	Threaded Process Fittings

### Configuration Features

Electrical Connection	Ribbon Cable
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### Electrical Characteristics

Supply Current	1.5 mA
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### Dimensions

Product Diameter	9.04 mm [.356 in]
Product Height	13.2 mm [.52 in]

### Usage Conditions

Operating Temperature Range	-40 - 125 °C [-40 - 257 °F]
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### Operation/Application

Proof Pressure Range	3X
	5000 psi

Output Signal Type	125 mV
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### Other

Non-Linearity ±	.25 %
Port Fitting	1/4-18 NPT (5/8 Hex)

### 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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part) <small>Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</small>
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

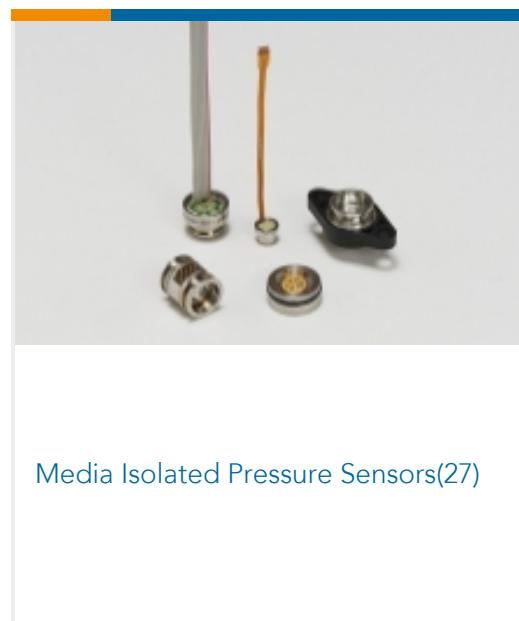
#### Product Compliance Disclaimer

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>

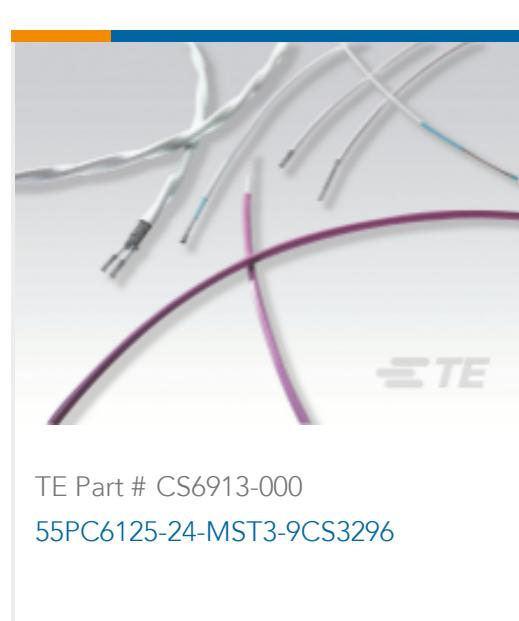
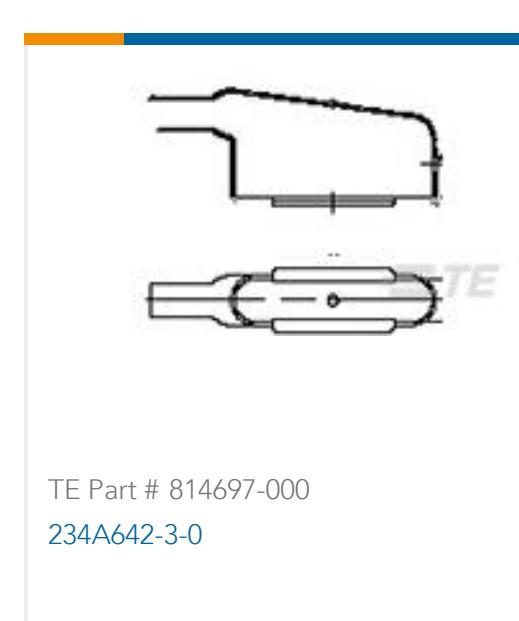
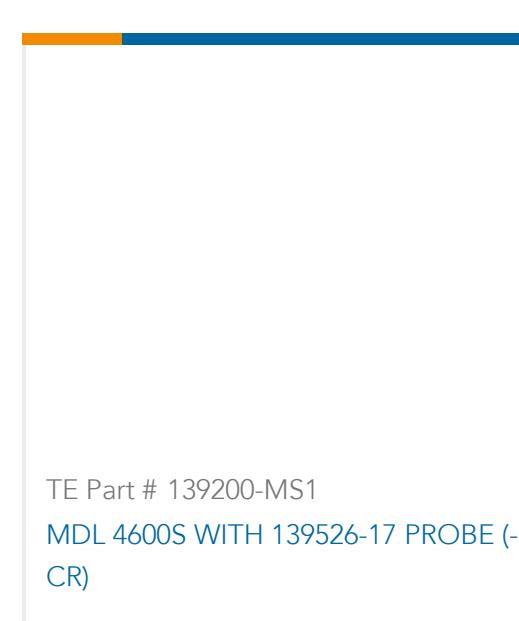
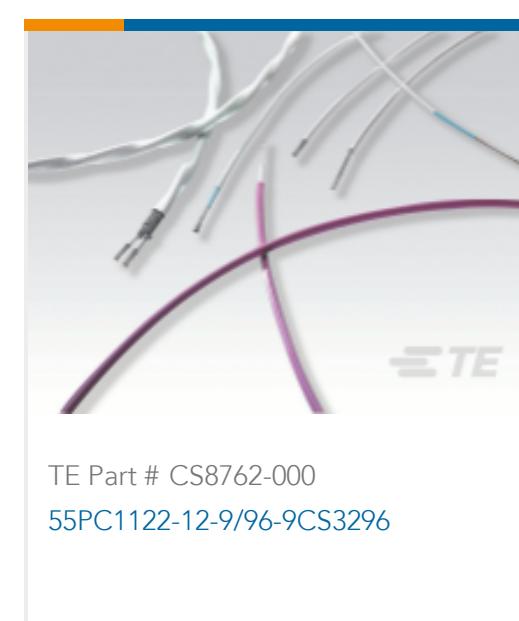
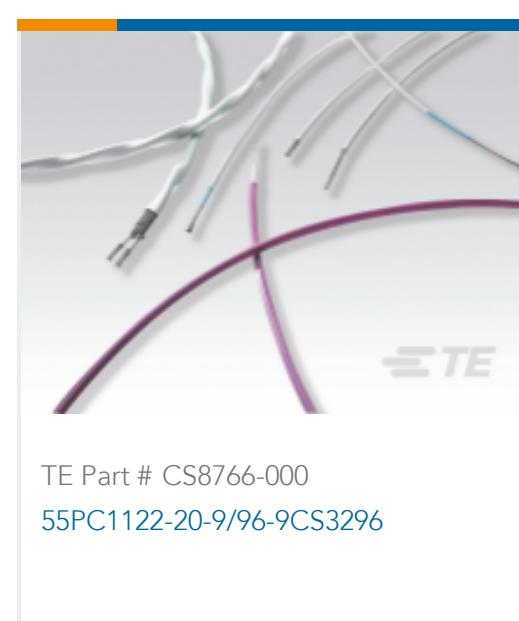
### Compatible Parts



## Also in the Series | MEAS 89 Series



## Customers Also Bought



## Documents

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_89-05KS-4R\\_B1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_89-05KS-4R\\_B1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_89-05KS-4R\\_B1.3d\\_igs.zip](#)

English

### 3D PDF

3D

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

### Datasheets & Catalog Pages

89C

English