

87N-5000A-0P ✕ OBSOLETE

MEAS | MEAS 87

TE Internal #: 87N-5000A-0P

TE Internal Description: 5000PSIA MV PRESSURE SENSOR W/PADS

MV Pressure Sensor, Compensated, 87NC

[View on TE.com >](#)



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > MV Pressure Sensor, Compensated, 87NC



Pressure: **344 bar [5000 psi]**

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

Pressure Type: **Absolute**

Output Signal Type: **150mV**

Port Fitting: **None**

[All MV Pressure Sensor, Compensated, 87NC \(24\)](#)

Features

Electrical Characteristics

Supply Current	1.5 mA
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Configuration Features

Electrical Connection	Solder Pads
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Dimensions

Product Height	13.84 mm[.54 in]
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Other

Non-Linearity \pm	.25 %
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Port Fitting	None
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EU RoHS Compliance	Compliant with Exemptions
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Operation/Application

Proof Pressure Range	3X
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Output Signal Type	150mV
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Product Type Features

Pressure Sensor Type	mV Output Pressure Sensors
Pressure Type	Absolute
Sensor Package	Weldable

Usage Conditions

Pressure	344 bar[5000 psi]
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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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Not Yet Reviewed
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.

Also in the Series | [MEAS 87](#)

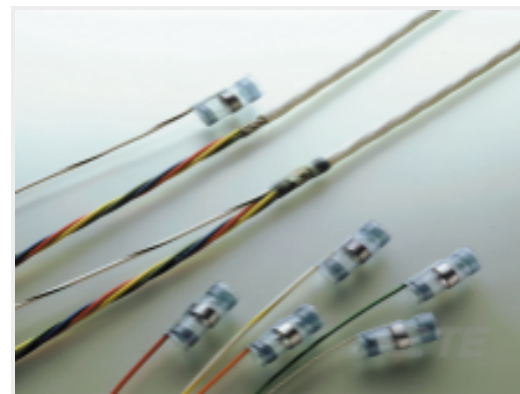


Media Isolated Pressure Sensors(31)

Customers Also Bought



TE Part #2-2176364-3
RQ 0402 7K87 0.1% 10PPM 5K RL



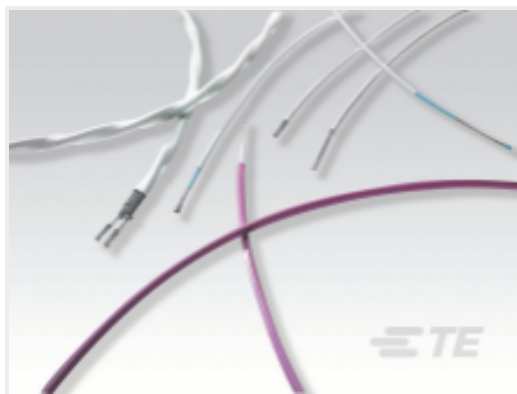
TE Part #688343-000
ST63-3-55-26-90



TE Part #6-2176375-4
RQ 0805 5K23 0.1% 10PPM 1K RL



TE Part #5054034004
RNF-100-3/32-3-SP



TE Part #CQ68943001
55A1161-20-0/0/0/2/2/2-9



TE Part #4-2176374-5
RQ 0805 309R 0.1% 10PPM 1K RL



TE Part #TAA755A1611-080
M12A5-MS-FS-PVC-8.0M



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



TE Part #2-2176415-9
8W STD M/OX 5% 430R



TE Part #3-641124-6
06P MTA100 HDR ASSY P/STR LF

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_87N-5000A-0P_D1.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG_CVM_CVM_87N-5000A-0P_D1.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_87N-5000A-0P_D1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

87NC

English