

87N Series

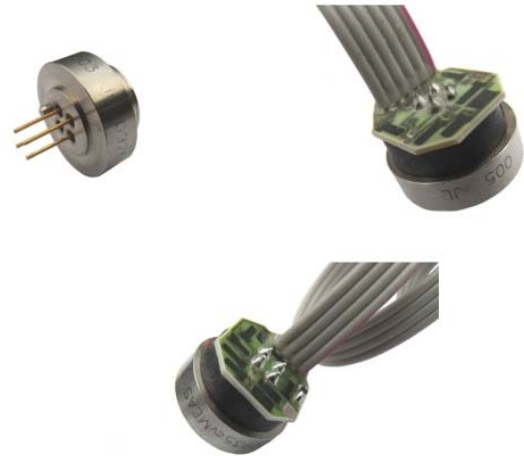
Product Definition

316L SS Pressure Sensor High Pressure Sealed Gage, Absolute

87N Series

The 87N series is a small profile, media compatible, piezoresistive silicon pressure sensor packaged in a 316L stainless steel housing. The 87N is designed for high pressure OEM applications where compatibility with corrosive media is required.

The sensing package utilizes silicone oil to transfer pressure from the 316L stainless steel diaphragm to the sensing element.



FEATURES

- Weldable and Threaded Process Fittings
- -40°C to +125°C Operating Temperature Range
- ±0.25% Pressure Non Linearity
- Solid State Reliability

APPLICATIONS

- Hydraulic Controls
- Process Control
- Process Calibrators
- Refrigeration/Compressors

87N Series

Product Definition

Model	Pressure Ranges	Type (G = Gage A = Absolute D = Differential, S = Sealed Gage)	Span (typ)	Supply Voltage		Operating Temperature	Unique Feature
					Current		
87NU	0 – 1000, 3000, 5000psi	A, S	See Sensitivity		1.5mA	-40°C to +125°C	Small profile No substrate
87NC	0 – 1000, 3000, 5000psi	A, S	100mV		1.5mA	-40°C to +125°C	Small profile 6-Pad substrate
87NCV	0 – 1000, 3000, 5000psi	A, S	100mV	10Vdc		-40°C to +125°C	Small profile 4-Pad substrate

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