

86 Series

316L SS Pressure Sensor Small Profile 0 – 100mV Output Gage, Absolute

86 Series

The Model 86 series are small profile, media compatible, piezoresistive silicon pressure sensors packaged in a 316L stainless steel housing. The Model 86 is designed for o-ring mounting and 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

- O-Ring Mount
- -40°C to +125°C Operating Temperature Range
- ±0.2% Pressure Non Linearity
- 1.0% Interchangeable Span (provided by gain set resistor)
- Solid State Reliability

APPLICATIONS

- Medical Instruments
- Process Control
- Fresh & Waste Water Measurements
- Partial Vacuum Gas Measurement
- Pressure Transmitters
- Tank Level Systems (RV & Industrial)

Product Definition

Model	Pressure Ranges	Type (G = Gage A = Absolute D = Differential)	Span	Supply		Operating Temperature	Unique Feature
				Voltage	Current		
86U	0 – 5, 15, 30, 50, 100, 300, 500psi	A, G	100mV		1.5mA	-40°C to +125°C	Small profile No substrate
86C	0 – 5, 15, 30, 50, 100, 300, 500psi	A, G	100mV		1.5mA	-40°C to +125°C	Small profile 6-Pad substrate
86CV	0 – 5, 15, 30, 50, 100, 300, 500psi	A, G	100mV	10Vdc		-40°C to +125°C	Small profile 4-Pad substrate

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