(Image displays Absolute type)

86A

SPECIFICATIONS

- **316L SS Pressure Sensor**
- **Small Profile**
- **0.5 - 4.5V High Level Output**
- **Gage, Absolute**
- **ASIC Calibrated**

The 86A is a small profile, media compatible, piezoresistive silicon pressure sensor packaged in a 316L stainless steel housing. The 86A is designed for O-ring mounting. The sensing package utilizes silicone oil to transfer pressure from the 316L stainless steel diaphragm to the sensing element.

The 86A is designed for high performance, low pressure applications. A custom ASIC is used for temperature compensation, offset correction, and provides an amplified output of 0.5 to 4.5V.

For a similar sensor with a plastic threaded fitting, refer to the LM pressure transducer.

FEATURES

- O-Ring Mount
- -20ºC to +85ºC Operating Temperature Range
- ±1.0% Pressure Non Linearity
- Down to ±3.0% Total Error Band
- Solid State Reliability

APPLICATIONS

- Level Controls
- Tank Level Measurement
- OEM Equipment
- Corrosive Fluids and Gas Measurement Systems
- Sealed Systems
- Manifold Pressure Measurement
- Barometric Pressure Measurement
- Submersible Depth Monitoring

STANDARD RANGES

Range	psig	psia	Range	Barg	Bara
0 to 1	♦		0 to .07	♦	
0 to 2	♦		0 to .14	♦	
0 to 5	♦		0 to .35	♦	
0 to 15	♦	♦	0 to 1	♦	♦
0 to 30	♦	♦	0 to 2	♦	♦
0 to 50	♦	♦	0 to 5	♦	♦
0 to 100	♦	♦	0 to 7	♦	♦
0 to 150	♦	♦	0 to 10	♦	♦

*Intermediate ranges available, contact factory.