

## Product Definition

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

### 85 Series

The 85 series is a small profile, media compatible, piezoresistive silicon pressure sensor packaged in a 316L stainless steel housing. The 85 is offered in a weldable package or with a variety of threaded fittings such as 1/4 and 1/8NPT, 1/4BSP as well as custom process fittings.

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
- ±0.1% 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)

# 85 Series

## Product Definition

| Model                | Pressure Ranges                        | Type (G = Gage<br>A = Absolute<br>D = Differential,<br>V = Vacuum<br>Gage) | Span (typ)         | Supply  |         | Operating<br>Temperature | Unique Feature                   |
|----------------------|--|--|--------------------|---------|---------|--------------------------|----------------------------------|
|                      |  |  |                    | Voltage | Current |                          |                                  |
| <a href="#">85U</a>  | 0 – 5, 15, 30, 50,<br>100, 300, 500psi | A, G   | See<br>Sensitivity |         | 1.5mA   | -40°C to +125°C          | Small profile<br>No substrate    |
| <a href="#">85C</a>  | 0 – 5, 15, 30, 50,<br>100, 300, 500psi | A, G   | 100mV              |         | 1.5mA   | -40°C to +125°C          | Small profile<br>6-Pad substrate |
| <a href="#">85CV</a> | 0 – 5, 15, 30, 50,<br>100, 300, 500psi | A, G   | 100mV              | 10Vdc   |         | -40°C to +125°C          | Small profile<br>4-Pad substrate |
| <a href="#">85VC</a> | 0 – 15, 30, 50, 100,<br>300, 500psi    | V  | 100mV              |         | 1.5mA   | -40°C to +125°C          | Small profile<br>6-Pad Substrate |

## 联系方式



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