

EPG Series



Installer's Specifications

Performance at 25°C (77°F):  
Pressure Ranges  
103. . . . . 0-15psig  
104. . . . . 0-25psig  
105. . . . . 0-50psig  
106. . . . . 0-75psig  
107. . . . . 0-100  
108. . . . . 0-250psig  
109. . . . . 0-500psig  
110. . . . . 0-1000psig  
Accuracy . . . . . ±0.25% BFSL  
Media Compatibility . . . . . Fluids and gases  
compatible with 316L stainless steel  
Proof Pressure. . . . . 2x max.; F.S. range  
Burst Pressure. . . . . 5x max.; F.S. range  
Pressure Cycles . . . . . >100 million cycles  
Electrical  
Input Power . . . . . 10-28VDC typical  
Output . . . . . 0-5/10V (3-wire) or 4-20mA (2-wire)  
Load Impedence . . . . . RL>100kΩ  
Standard Connection. . . . . Cable gland 24" length  
Pressure Port. . . . . 1/4" NPT male  
4-20mA Output Load. . . . . 0-800Ω  
Environmental:  
Temperature Compensated Range . . . . 0° to 55°C  
(32° to 130°F)  
Operating Temperature Range . . . . -40° to 85°C  
(-40° to 185°F) 10 to 95% RH non-condensing  
Total Error Band Over Temperature. . . <±1% of F.S.

Gauge Pressure Sensors

Product Identification

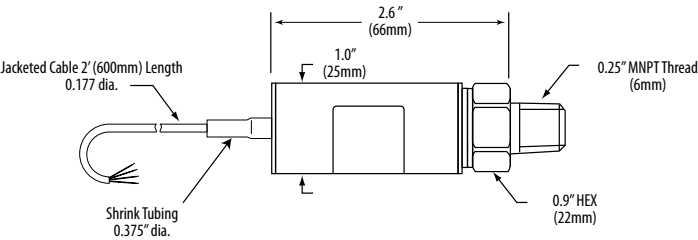
| EPG | Range                                                                             | Output                                                                             |
|-----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|     |  |  |
|     | 103 = 0-15psig                                                                    | AJ = 0-5VDC                                                                        |
|     | 104 = 0-25psig                                                                    | AV = 0-10VDC                                                                       |
|     | 105 = 0-50psig                                                                    | AM = 4-20mA                                                                        |
|     | 106 = 0-75psig                                                                    |                                                                                    |
|     | 107 = 0-100psig                                                                   |                                                                                    |
|     | 108 = 0-250psig                                                                   |                                                                                    |
|     | 109 = 0-500psig                                                                   |                                                                                    |
|     | 110 = 0-1000psig                                                                  |                                                                                    |

**Notice:**  
This product is not intended for life or safety applications.  
Do not install this product in hazardous or classified locations.  
Read and understand the instructions before installing this product.  
Turn off all power supplying equipment before working on it.  
The installer is responsible for conformance to all applicable codes.

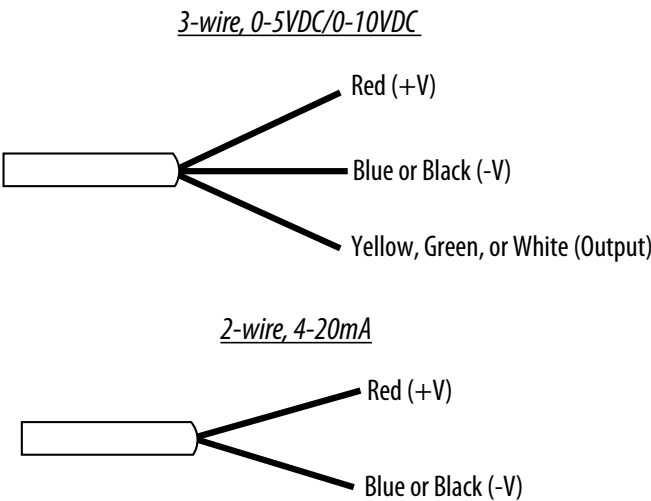
Quick Install

- 1. Screw the sensor's NPT fitting onto the receiving port (on a duct, chamber, pipe etc).
- 2. Wire the sensor as shown below.

Dimensions



Wiring



Available Products

| Part Number | Product Description                      |
|-------------|------------------------------------------|
| EPG103-AJ   | Gauge Pressure Sensor 0-15 psig 0-5Vdc   |
| EPG103-AM   | Gauge Pressure Sensor 0-15 psig 4-20mA   |
| EPG103-AV   | Gauge Pressure Sensor 0-15 psig 0-10Vdc  |
| EPG104-AJ   | Gauge Pressure Sensor 0-25 psig 0-5Vdc   |
| EPG104-AM   | Gauge Pressure Sensor 0-25 psig 4-20mA   |
| EPG104-AV   | Gauge Pressure Sensor 0-25 psig 0-10Vdc  |
| EPG105-AJ   | Gauge Pressure Sensor 0-50 psig 0-5Vdc   |
| EPG105-AM   | Gauge Pressure Sensor 0-50 psig 4-20mA   |
| EPG105-AV   | Gauge Pressure Sensor 0-50 psig 0-10Vdc  |
| EPG106-AJ   | Gauge Pressure Sensor 0-75 psig 0-5Vdc   |
| EPG106-AM   | Gauge Pressure Sensor 0-75 psig 4-20mA   |
| EPG106-AV   | Gauge Pressure Sensor 0-75 psig 0-10Vdc  |
| EPG107-AJ   | Gauge Pressure Sensor 0-100 psig 0-5Vdc  |
| EPG107-AM   | Gauge Pressure Sensor 0-100 psig 4-20mA  |
| EPG107-AV   | Gauge Pressure Sensor 0-100 psig 0-10Vdc |
| EPG108-AJ   | Gauge Pressure Sensor 0-250 psig 0-5Vdc  |
| EPG108-AM   | Gauge Pressure Sensor 0-250 psig 4-20mA  |
| EPG108-AV   | Gauge Pressure Sensor 0-250 psig 0-10Vdc |