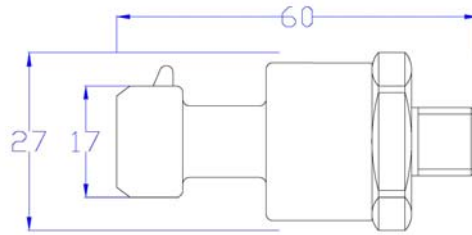


Auber PV2.5

-1 to 2.5 Bar (-14.5 to 36.3 PSI) Gauge Pressure Transmitter
Dimensions (mm)



This pressure transmitter is to be powered by regulated 5 VDC power supply. Connect red wire to the 5VDC power source. Connect black wire to the ground. Blue wire is the signal output.

Output Specification

| Relative Pressure (Bar) | Output (V) 25°C |
|-------------------------|-----------------|
| -1 | 0.5 |
| 2.5 | 4.5 |

General Specification

- MEMS Technology
- All stainless steel structure
- Reverse polarity protection

Electrical

Supply Voltage: 5.0±0.5 VDC
Supply Current: 10 mA max
Maximum Output Current Sink: 1 mA
Output Impedance: 10 ohms max
Output Type: Ratiometric
Output Voltage: 0.5V for -1 bar; 4.5 V for 2.5 bar

Sensor Operating Characteristics

Pressure Range (gauge pressure): -1 bar to 2.5 bar (-14.5 to 36.3 PSI)
Proof Pressure: 150%FS
Static Accuracy (%FS): ±1%
Response Time: ≤1ms(90%FS)
Compensated Temperature Range: -20°C to +120°C
Operating Temperature Range: -40°C to +120°C

Mechanical

Protection Class: IP65
Media Compatibility: Media Compatible with Silicone

Notes: Static accuracy is the RSS of non-linearity, hysteresis, and non-repeatability