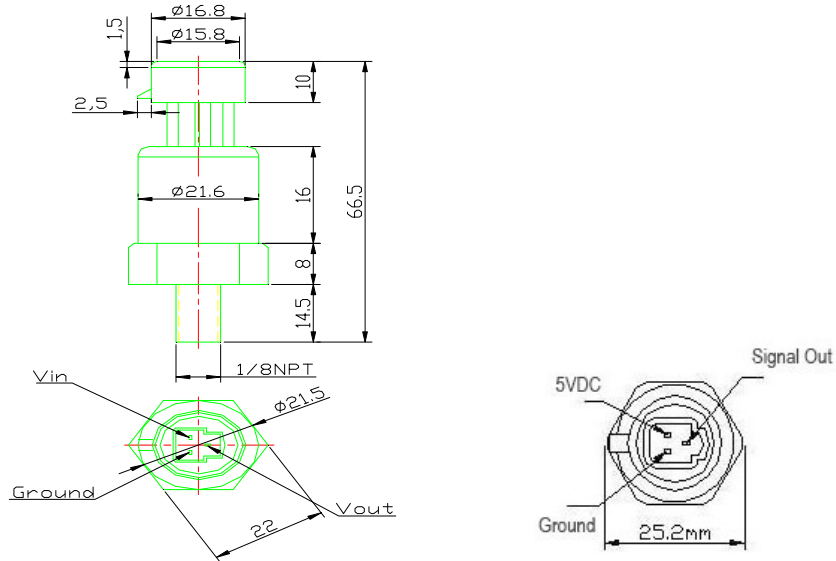


100 PSI (7 Bar) Gauge Pressure Transmitter

Wiring



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 (psi)	Output (V) 25°C
0	0.5
100	4.5

General Specification

Electrical:

Supply Voltage 5.0±0.5 VDC

Supply Current 10 mA max

Maximum Output Current Sink 1 mA

Source 0.1 mA

Output Impedance 10 ohms max

Output Type ratio metric

Output Voltage 0.3 to 4.8 VDC at 5VDC excitation

Sensor Operating Characteristics:

Range: 0 to 100 PSI gauge pressure (or relative pressure).

Proof Pressure 200%FS

Static Accuracy

-40 ~ 0 °C, 2% FS.

0 ~ 80 °C, 1% FS

80 ~ 135 °C, 2% FS

Environmental Effects:

Compensated Temperature Range -40°C to +150°C

Storage Temperature Range -50°C to +165°C

Mechanical:

Media Compatibility: Compatible with air, water, oil and fuel

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