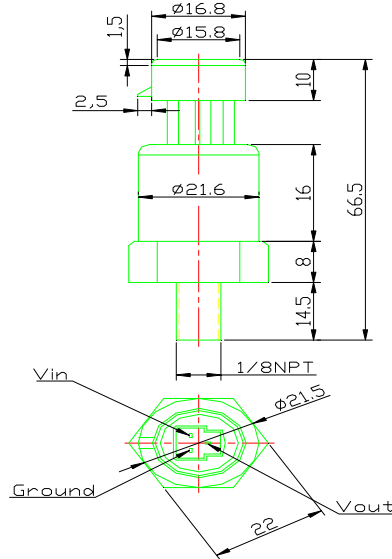


## 75 PSI (5 Bar) Gauge Pressure Transmitter

### 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. Green wire is the signal output.

### Output Specification

Relative Pressure (psi)	Output (V) 25°C
0	0.5
75	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 75 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