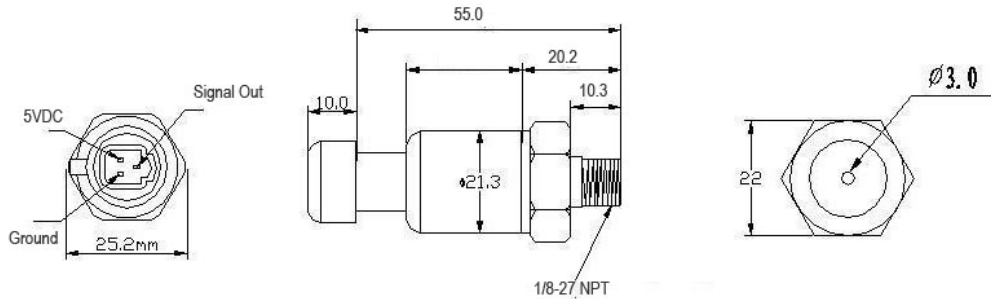


Auber P210 Fuel/Oil Pressure Transducer

Specification



Dimension in drawing is in millimeters, except the thread.

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, ratio metric

Sensor Operating Characteristics:

Pressure Range, 0.0 to 10.0 bar (0 to 145 PSI) gauge (relative) pressure
 Proof Pressure, 200%FS
 Static Accuracy, (%FS) 1.5 typ.

Environmental Effects:

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

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

Mechanical:

Protection Class, IP65

Media Compatibility, Media Compatible with Silicone

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

Wiring

This pressure transmitter is to be powered by regulated 5 VDC power supply. Connect red (or brown) wire to the 5VDC power source. Connect black wire to the ground. Green (or blue) wire is the signal output.

Output Specification

Relative Pressure (Bar)	Output (V) 25°C
0	0.5
1	0.9
2	1.3
3	1.7
4	2.1
5	2.5
6	2.9
7	3.3
8	3.7
9	4.1
10	4.5