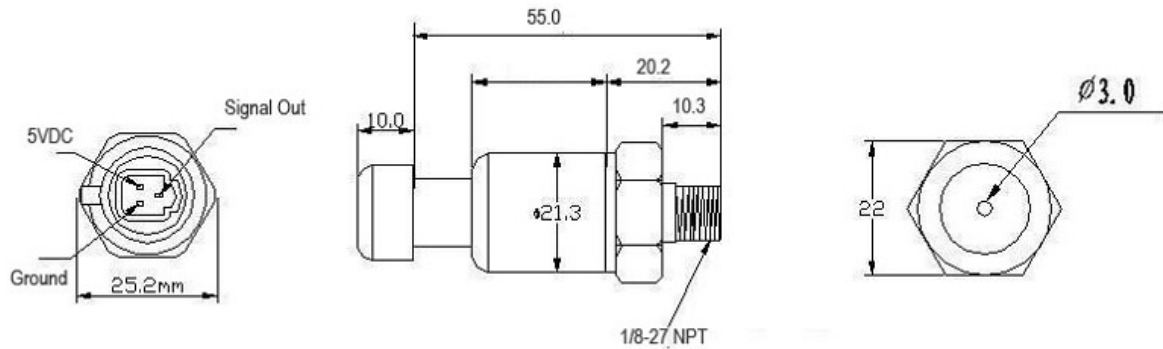


## SCINTEX Pressure Sensor



Dimension in drawing is in millimetres, 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  
 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 wire to the 5VDC power source. Connect Yellow wire to the ground. Green 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