

4 Bar MAP Transmitter

Wiring

This pressure transmitter is to be powered by regulated 5 VDC power supply. Connect pin C (or red wire) to the 5VDC power source. Connect pin A (or black wire) to the ground. Pin B (or green wire) is the signal output.

Output Specification

Absolute Pressure (Bar)	Output (V) 25°C
0.0	0.250
1.0	1.400
1.5	1.975
2.0	2.550
2.5	3.125
3.0	3.700
3.5	4.275
4.0	4.850

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 0.25 to 4.85 VDC at 5VDC excitation

Sensor Operating Characteristics:

Range

0.4 bar to 4.0 bar

Proof Pressure 200%FS

Static Accuracy (%FS) 1.5 typ.

Environmental Effects:

Compensated Temperature Range -40°C to +135°C

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

Mechanical:

Media Compatibility Media Compatible with Silicone

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