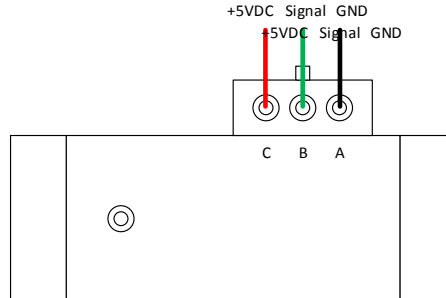


Auber-104 4 Bar MAP Transmitter

Warning: Please follow the wiring diagram carefully when connecting power to the sensor. Wiring the sensor incorrectly may permanently damage the sensor.

Pin Assignment



Wiring

This pressure transmitter is to be powered by regulated 5V DC power supply. Connect pin C (red wire) to the 5VDC power source. Connect pin A (black wire) to the ground. Pin B (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: 0.1 bar to 4.0 bar

Proof Pressure: 200% FS

Static Accuracy (%FS):

-40 ~ 0 °C, 3% FS.

0 ~ 80 °C, 1% FS.

80 ~ 135 °C, 3% FS.

Environmental Effects:

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

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

Mechanical:

Compatibility Media: Air

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