

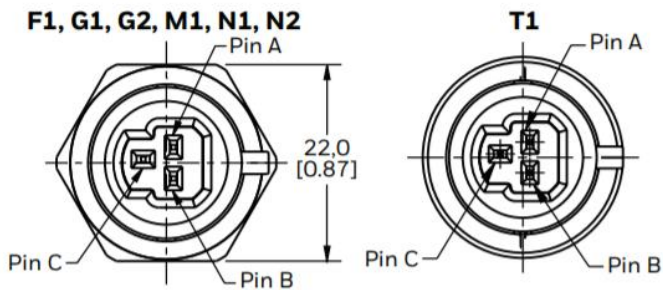


Congratulations on your purchase of a Honeywell pressure sensor. Please read through this setup sheet for proper setup and operation.

The Honeywell PX3 sensors are suitable for fuel, oil, water, and air pressure. There are several pressures ranges available with 100psi operating being the most common.

Supply Voltage	5Vdc +/- 0.25Vdc
Output Voltage	0.5Vdc to 4.5Vdc
Operating Temperature Range	-40°F to 257°F
Response Time	<2 mS
Over pressure	450Psi
Burst Pressure	750Psi
Internal O-ring material	HNBR
0v-5v	-12.5psi – 112psi

Pinout

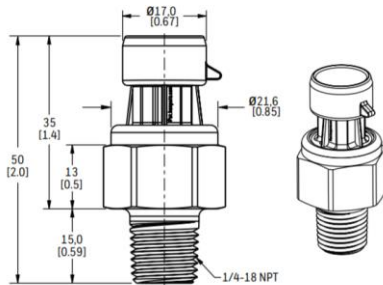


Ratiometric Voltage Output

Pin A = Ground
Pin B = V+
Pin C = Vout

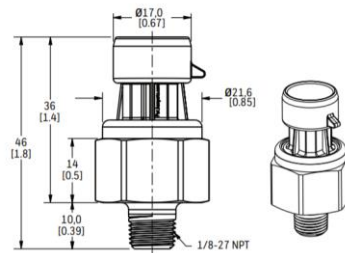
N1: 1/4-18 NPT

Seal: Pipe thread
Mating geometry: ANSI B1.20.1
Installation torque: Two to three turns from finger tight
Weight: 35.1 g to 40.1 g [1.2 oz to 1.4 oz]



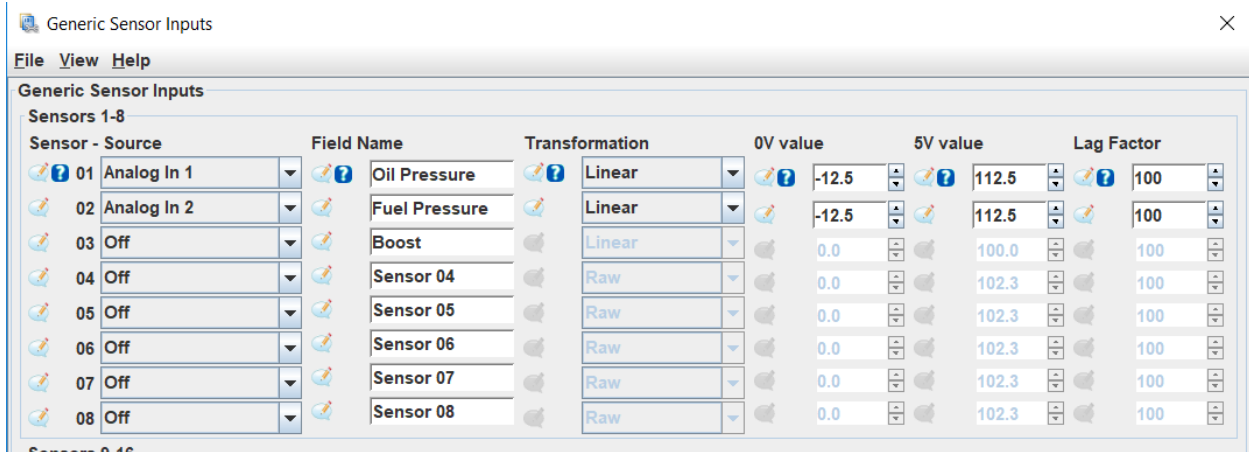
N2: 1/8-27 NPT

Seal: Pipe thread
Mating geometry: ANSI B1.20.1
Installation torque: Two to three turns from finger tight
Weight: 31.2 g to 36.2 g [1.1 oz to 1.3 oz]



MS3 Setup:

You will need to properly tap into the TPS 5v reference voltage and supply that to pin B of the sensor. Pin A will need to be connected to Sensor Ground and Pin C will go to an available analog input. To enable your new sensor, you will go into "Generic Sensor Inputs" and select the analog channel you chose earlier. Then enter the settings as below. Note, this is for a 100psi Sensor.



Sensor - Source	Field Name	Transformation	0V value	5V value	Lag Factor
01 Analog In 1	Oil Pressure	Linear	-12.5	112.5	100
02 Analog In 2	Fuel Pressure	Linear	-12.5	112.5	100
03 Off	Boost	Linear	0.0	100.0	100
04 Off	Sensor 04	Raw	0.0	102.3	100
05 Off	Sensor 05	Raw	0.0	102.3	100
06 Off	Sensor 06	Raw	0.0	102.3	100
07 Off	Sensor 07	Raw	0.0	102.3	100
08 Off	Sensor 08	Raw	0.0	102.3	100

