



ATS Pressure Transducer Chart 5000 PSI Rev 2

Transducer	Typical Voltage Offset	Conversion Multiplier
5000 PSI	0.50 V	Voltage x 1250 = PSI

The 5000 PSI Pressure Transducer will convert physical pressure to a voltage reading. This voltage reading will need to be converted from voltage to pressure. The following chart converts the voltage readings into the actual pressure value.

Example: 1.3 volts x 1250 = 1625.50 PSI
 Zero button must be **"ON"** for readings to be valid.

0.0 V = 0.00 PSI	1.4 V = 1750.00 PSI	2.8 V = 3500.00 PSI
0.1 V = 125.00 PSI	1.5 V = 1875.50 PSI	2.9 V = 3625.50 PSI
0.2 V = 250.00 PSI	1.6 V = 2000.00 PSI	3.0 V = 3750.00 PSI
0.3 V = 375.00 PSI	1.7 V = 2125.50 PSI	3.1 V = 3875.50 PSI
0.4 V = 500.00 PSI	1.8 V = 2250.00 PSI	3.2 V = 4000.00 PSI
0.5 V = 625.00 PSI	1.9 V = 2375.50 PSI	3.3 V = 4125.50 PSI
0.6 V = 750.00 PSI	2.0 V = 2500.00 PSI	3.4 V = 4250.00 PSI
0.7 V = 875.00 PSI	2.1 V = 2625.50 PSI	3.5 V = 4375.50 PSI
0.8 V = 1000.00 PSI	2.2 V = 2750.00 PSI	3.6 V = 4500.00 PSI
0.9 V = 1125.00 PSI	2.3 V = 2875.50 PSI	3.7 V = 4625.50 PSI
1.0 V = 1250.00 PSI	2.4 V = 3000.00 PSI	3.8 V = 4750.00 PSI
1.1 V = 1375.00 PSI	2.5 V = 3125.50 PSI	3.9 V = 4875.50 PSI
1.2 V = 1500.00 PSI	2.6 V = 3250.00 PSI	4.0 V = 5000.00 PSI
1.3 V = 1625.00 PSI	2.7 V = 3375.50 PSI	

WARNING! This sensor's maximum limit is 5000 PSI. This limit should not be exceeded. Damage to the sensor will result. BODILY INJURY or DEATH could also result.



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