

**This applies to gauges with selectable units**

Table below shows what range you will get when switching to another engineering unit.

It is a mathematical conversion from the original engineering unit the gauge was ordered with.

Range codes in the model numbers may rounded off and do not indicate the full range of the gauge. (-14.70 ~ 15.00)

Gauges with selectable units will convert to any other units on the same horizontal row

Yellow Shading = The gauge will convert to these units, but these units are less commonly used.

psi	Compound	inHg	torr	mmHg	inH2O	ftH2O	oz/in2	mmH2O	cmH2O	g/cm2	kg/cm2	atm	mbar	bar	kPa	MPa
0 to 14.70 psig vac	n/a	29.92 vac	760.0 vac	760.0 vac	406.8 vac	33.90 vac	235.1 vac	n/a	1033 vac	1033 vac	1.033 vac	1.000 vac	1013 vac	1.013 vac	101.3 vac	.1013 vac
-14.70 to 15.00 psig	-29.92 inHg to 15.00 psig	-29.92 to 30.54	-760.0 to 775.7	-760.0 to 775.7	-406.8 to 415.2	-33.90 to 34.61	-235.1 to 240.0	n/a	-1033 to 1055	-1033 to 1055	-1.033 to 1.055	-1.000 to 1.021	-1013 to 1034	-1.013 to 1.034	-101.3 to 103.4	-.1013 to .1034
-14.7 to 100.0 psig	-29.9 inHg to 100.0 psig	-29.9 to 203.6	-760 to 5171	-760 to 5171	-407 to 2768	-33.9 to 230.7	-235 to 1600	n/a	-1033 to 7031	-1033 to 7031	-1.033 to 7.031	-1.000 to 6.805	-1013 to 6895	-1.013 to 6.895	-101.3 to 689.5	-.1013 to .6895
-14.7 to 200.0 psig	-29.9 inHg to 200.0 psig	-29.9 to 407.2	n/a	n/a	-407 to 5536	-33.9 to 461.4	-235 to 3200	n/a	n/a	n/a	-1.03 to 14.06	-1.00 to 13.61	n/a	-1.01 to 13.79	-101 to 1379	-.101 to 1.379
0 to 3.000 psig	n/a	6.108	155.1	155.1	83	6.921	48.00	2109	210.9	210.9	.2109	.2041	206.8	.2068	20.68	n/a
0 to 5.000 psig	n/a	10.18	258.6	258.6	138.4	11.54	80.00	3515	351.5	351.5	.3515	.3402	344.7	.3447	34.47	n/a
15.00 to 0 psi abs	n/a	30.54 abs	775.7 abs	775.7 abs	415.1 abs	34.61 abs	240.0 abs	n/a	1055 abs	1055 abs	1.055 abs	1.021 abs	1034 abs	1.034 abs	103.4 abs	.1034 abs
0 to 15.00 psig	n/a	30.54	775.7	775.7	415.2	34.61	240.0	n/a	1055	1055	1.055	1.021	1034	1.034	103.4	.1034
30.00 to 0 psi abs	n/a	61.08 abs	1552 abs	1552 abs	830 abs	69.21 abs	480.0 abs	n/a	2109 abs	2109 abs	2.109 abs	2.041 abs	2068 abs	2.068 abs	206.8 abs	.2068 abs
0 to 30.00 psig	n/a	61.08	1552	1552	830	69.21	480.0	n/a	2109	2109	2.109	2.041	2068	2.068	206.8	.2068
0 to 60.00 psig	n/a	122.2	3103	3103	1661	138.4	960	n/a	4218	4218	4.218	4.083	4137	4.137	413.7	.4137
100.0 to 0 psi abs	n/a	203.6 abs	5172 abs	5172 abs	2767 abs	230.7 abs	1600 abs	n/a	7031 abs	7031 abs	7.031 abs	6.805 abs	6895 abs	6.895 abs	689.5 abs	.6895 abs
0 to 100.0 psig	n/a	203.6	5171	5171	2768	230.7	1600	n/a	7031	7031	7.031	6.805	6895	6.895	689.5	.6895
0 to 200.0 psig	n/a	407.2	n/a	n/a	5536	461.3	3200	n/a	n/a	n/a	14.06	13.61	n/a	13.79	1379	1.379
0 to 300.0 psig	n/a	610.8	n/a	n/a	n/a	692	4800	n/a	n/a	n/a	21.09	20.41	n/a	20.68	2068	2.068
0 to 500.0 psig	n/a	1018	n/a	n/a	n/a	1153	n/a	n/a	n/a	n/a	35.15	34.02	n/a	34.47	3447	3.447
0 to 1000 psig	n/a	2036	n/a	n/a	n/a	2307	n/a	n/a	n/a	n/a	70.31	68.05	n/a	68.95	6895	6.895
0 to 2000 psig	n/a	4072	n/a	n/a	n/a	4614	n/a	n/a	n/a	n/a	140.6	136.1	n/a	137.9	n/a	13.79
0 to 3000 psig	n/a	6108	n/a	n/a	n/a	6921	n/a	n/a	n/a	n/a	210.9	204.1	n/a	206.8	n/a	20.68
0 to 5000 psig	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	351.5	340.2	n/a	344.7	n/a	34.47

**Types of Gauges Sensors**

**Gauge reference sensors** read zero with an open gauge port.

**Sealed reference sensors** read zero with an open gauge port. Ranges 500 psi and higher use a 14.7 psi sealed reference sensor. They are functionally similar to gauge reference sensors.

**Bipolar sensors** read positive pressure and vacuum in the same units, and zero with the gauge port open.

**Compound ranges** read inHg for vacuum and psig for pressure, and zero with the gauge port open.

**Absolute reference** gauges read zero at full vacuum. With an open gauge port, their readings will vary due to continuously changing barometric pressure.