

Gauge Pressure Sensor Maximum Scaling Factors

		Range														
Scale %	Command	P06	P08	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	Units	
110	20MA	34.47	111.5	5.50	16.50	33.00	55.00	110.0	330.0	550.0	1100	3300	4950	6600	psi	
100		30.00	100.0	5.00	15.00	30.00	50.00	100.0	300.0	500.0	1000	3000	4500	6000		
50		7.65	42.7	2.50	7.50	15.00	25.00	50.0	150.0	250.0	500	1500	2250	3000		
25	4MA	-3.53	14.0	1.25	3.75	7.50	12.50	25.0	75.0	125.0	250	750	1125	1500		
0		-14.70	-14.7	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0	0	0	0		
-3		-16.04	-18.1	-0.15	-0.45	-0.90	-1.50	-3.0	-9.0	-15.0	-30	-90	-135	-180		

		Range														
Scale %	Command	P06	P08	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	Units	
110	20MA	954.9	3088	152.4	457.1	914.2	1524	3047	n/a	n/a	n/a	n/a	n/a	6600	"wc	
100		831.1	2770	138.5	415.5	831.1	1385	2770	n/a	n/a	n/a	n/a	n/a	6000		
50		212.0	1182	69.3	207.8	415.6	693	1385	n/a	n/a	n/a	n/a	n/a	3000		
25	4MA	-97.6	387	34.6	103.9	207.8	346	693	n/a	n/a	n/a	n/a	n/a	1500		
0		-407.2	-407	0.0	0.0	0.0	0	0	n/a	n/a	n/a	n/a	n/a	0		
-3		-444.3	-503	-4.2	-12.5	-24.9	-42	-83	n/a	n/a	n/a	n/a	n/a	-180		

		Range														
Scale %	Command	P06	P08	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	Units	
110	20MA	2377	7.68	379.2	1138	2275	3792	7.58	22.75	37.92	75.8	227.5	341.3	455.1	mbar/bar	
100		2068	6.89	344.7	1034	2068	3447	6.89	20.68	34.47	68.9	206.8	310.3	413.7		
50		527	2.95	172.4	517	1034	1724	3.45	10.34	17.24	34.5	103.4	155.2	206.9		
25	4MA	-243	0.97	86.2	259	517	862	1.72	5.17	8.62	17.2	51.7	77.6	103.4		
0		-1014	-1.00	0.0	0	0	0	0.00	0.00	0.00	0.0	0.0	0.0	0.0		
-3		-1106	-1.24	-10.3	-31	-62	-103	-0.21	-0.62	-1.03	-2.1	-6.2	-9.3	-12.4		

		Range														
Scale %	Command	P06	P08	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	Units	
110	20MA	237.6	768	37.92	113.7	227.5	379.2	7.58	22.75	37.92	75.8	22.75	34.13	45.51	KPa/MPa	
100		206.8	689	34.47	103.4	206.8	344.7	6.89	20.68	34.47	6.89	20.68	31.03	41.37		
50		52.7	294	17.24	51.7	103.4	172.4	3.45	10.34	17.24	3.45	10.34	15.52	20.69		
25	4MA	-24.4	96	8.62	25.9	51.7	86.2	1.72	5.17	8.62	1.72	5.17	7.76	10.34		
0		-101.4	-101	0.00	0.0	0.0	0.0	0	0	0	0.00	0.00	0.00	0.00		
-3		-110.6	-125	-1.03	-3.1	-6.2	-10.3	-21	-6.2	-10.3	-0.21	-0.62	-0.93	-1.24		

		Range														
Scale %	Command	P06	P08	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	Units	
110	20MA	2.420	7.83	0.387	1.161	2.320	3.868	7.73	23.20	38.68	77.3	232.0	348.0	464.1	kg/cm ²	
100		2.109	7.03	0.352	1.055	2.109	3.516	7.03	21.09	35.16	70.3	210.9	316.4	421.9		
50		0.555	3.02	0.176	0.528	1.055	1.758	3.52	10.55	17.58	35.2	105.5	158.2	211.0		
25	4MA	-0.223	1.01	0.088	0.264	0.527	0.879	1.76	5.27	8.79	17.6	52.7	79.1	105.5		
0		-1.000	-1.00	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.0	0.0	0.0	0.0		
-3		-1.093	-1.24	-0.011	-0.032	-0.063	-0.105	-0.21	-0.63	-1.05	-2.1	-6.3	-9.5	-12.7		

One Series Scaling Calculator

Differential Pressure Sensor Maximum Scaling Factors

Scale %	Command	Range				Units
		K10	K11	K12	K13	
110	20MA	5.50	55.00	110.0	220.0	psid
100		5.00	50.00	100.0	200.0	
50		2.50	25.00	50.0	100.0	
25	4MA	1.25	12.50	25.0	50.0	
0		0.00	0.00	0.0	0.0	
-3		-0.15	-1.50	-3.0	-6.0	

Scale %	Command	Range				Units
		K10	K11	K12	K13	
110	20MA	152.4	1524	3047	n/a	"wcd
100		138.5	1385	2770	n/a	
50		69.3	693	1385	n/a	
25	4MA	34.6	346	693	n/a	
0		0.0	0	0	n/a	
-3		-4.2	-42	-83	n/a	

Scale %	Command	Range				Units
		K10	K11	K12	K13	
110	20MA	379.2	3792	7.58	15.17	mbard/ bard
100		344.7	3447	6.89	13.79	
50		172.4	1724	3.45	6.90	
25	4MA	86.2	862	1.72	3.45	
0		0.0	0	0.00	0.00	
-3		-10.3	-103	-0.21	-0.41	

Scale %	Command	Range				Units
		K10	K11	K12	K13	
110	20MA	37.92	379.2	758	1517	KPa
100		34.47	344.7	689	1379	
50		17.24	172.4	345	690	
25	4MA	8.62	86.2	172	345	
0		0.00	0.0	0	0	
-3		-1.03	-10.3	-21	-41	

Scale %	Command	Range				Units
		K10	K11	K12	K13	
110	20MA	0.387	3.868	7.73	15.51	kg/cm ²
100		0.352	3.516	7.03	14.10	
50		0.176	1.758	3.52	7.05	
25	4MA	0.088	0.879	1.76	3.53	
0		0.000	0.000	0.00	0.00	
-3		-0.011	-0.105	-0.21	-0.42	

One Series Scaling Calculator

Temperature Sensor Maximum Scaling Factors

Scale %	Command	Range					Units
		TL1-TL3	TR1/TRC	TH1/THC	TC1/TCC	TTC	
110	20MA	499	499	1104	250	994	°F
100		450	450	1000	200	900	
50		205	205	480	-50	430	
25	4MA	83	83	220	-175	195	
0		-40	-40	-40	-300	-40	
-3		-55	-55	-71	-315	-68	

Scale %	Command	Range					Units
		TL1-TL3	TR1/TRC	TH1/THC	TC1/TCC	TTC	
110	20MA	259	259	596	121	534	°C
100		232	232	538	93	482	
50		96	96	249	-46	221	
25	4MA	28	28	105	-115	91	
0		-40	-40	-40	-184	-40	
-3		-48	-48	-57	-192	-56	