

SNAP | Analog In/ Analog out

Input Voltage vs Control Setpoint

Torr			
Analog In (Volts)	775i Setpoint	DCP Setpoint	10Torr Setpoint
Desired Setpoint Examples (Torr) "x"	Voltage (775i Mode) $= (x+42)/86$	Voltage (DCP Mode) $= (x+55.5)/111$	Voltage (10 Torr) $= (x+0.503)/1.11$
0.5	1	0.010	0.052
0.51	1.86	0.016	0.0631
0.52	2.72	0.023	0.0742
0.53	3.58	0.029	0.0853
0.54	4.44	0.036	0.0964
0.55	5.3	0.043	0.1075
0.56	6.16	0.049	0.1186
0.6	9.6	0.076	0.163
0.75	22.5	0.175	0.3295
0.85	31.1	0.242	0.4405
1	44	0.341	0.607
1.5	87	0.673	1.162
2	130	1.004	1.717

2.5	173	1.336	2.272
3	216	1.667	2.827
3.5	259	1.999	3.382
3.51	259.86	2.660	3.3931
3.52	260.72	4.320	3.4042
3.55	263.3	9.300	3.4375
3.75	280.5	42.500	3.6595
4	302	84.000	3.937
4.5	345	167.000	4.492
6	474	416.000	6.157
7	560	582.000	7.267
8	646	748.000	8.377
9	732	914.000	9.487
9.5	775	997.000	10.042



Scientific Measurement & Control