

VTU1X Output Conversions

mA	mV pk	Gs pk	in/s pk*	mil p-p*
1.0	Machine Off			
1.5	Tach too High			
2.0	Sensor Shorted			
2.5	Bias Fault			
3.0	Sensor Disconnected			
4.0	0	0.0	0.000	0.00
5.0	10	0.1	0.125	1.25
6.0	20	0.2	0.250	2.50
7.0	30	0.3	0.375	3.75
8.0	40	0.4	0.500	5.00
9.0	50	0.5	0.625	6.25
10.0	60	0.6	0.750	7.50
11.0	70	0.7	0.875	8.75
12.0	80	0.8	1.000	10.00
13.0	90	0.9	1.125	11.25
14.0	100	1.0	1.250	12.50
15.0	110	1.1	1.375	13.75
16.0	120	1.2	1.500	15.00
17.0	130	1.3	1.625	16.25
18.0	140	1.4	1.750	17.50
19.0	150	1.5	1.875	18.75
20.0	160	1.6	2.000	20.00

* For firmware up to v1.6.0.8, the velocity scale is 0.0 - 8.0 in/s pk. For firmware up to v1.6.0.9, the displacement scale is 0 - 32 mils p-p.

Tach Range: 300 - 1800 RPM