

DATE: 2024-12-05

REF TEK 147A-01/3/INT/SM2 Accelerometer

S/N: R3885

P/N: R-180-S002

DAS: 34113

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0008	1.0003	1.0008
10.00	1.0000	1.0000	1.0000
20.00	0.9981	0.9992	0.9981
30.00	0.9961	0.9981	0.9958
40.00	0.9945	0.9968	0.9939
50.00	0.9934	0.9957	0.9928
60.00	0.9932	0.9949	0.9927
70.00	0.9939	0.9950	0.9937
80.00	0.9961	0.9962	0.9962
90.00	0.9997	0.9989	1.0001
100.00	1.0054	1.0034	1.0058
120.00	1.0243	1.0193	1.0240
140.00	1.0551	1.0459	1.0526
160.00	1.0881	1.0749	1.0830

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.16%	0.40%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)