

DATE: 2024-09-23

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

S/N: R3867

P/N: R-180-S002

DAS: 34101

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9989	0.9986
30.00	0.9976	0.9974	0.9966
40.00	0.9959	0.9957	0.9943
50.00	0.9945	0.9942	0.9923
60.00	0.9937	0.9934	0.9910
70.00	0.9939	0.9937	0.9910
80.00	0.9956	0.9957	0.9928
90.00	0.9990	0.9996	0.9968
100.00	1.0045	1.0058	1.0031
120.00	1.0231	1.0266	1.0239
140.00	1.0521	1.0592	1.0538
160.00	1.0810	1.0919	1.0778

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.52%	0.36%	0.48%

* g = 9.80 m/s²

Rev K (2024-01)