

DATE: 2024-12-05

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

S/N: R3884

P/N: R-180-S002

DAS: 34112

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0010	1.0009
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9977	0.9977
30.00	0.9984	0.9951	0.9951
40.00	0.9974	0.9931	0.9929
50.00	0.9967	0.9920	0.9917
60.00	0.9964	0.9920	0.9917
70.00	0.9970	0.9932	0.9930
80.00	0.9989	0.9958	0.9960
90.00	1.0021	0.9999	1.0005
100.00	1.0071	1.0057	1.0068
120.00	1.0243	1.0229	1.0259
140.00	1.0529	1.0460	1.0537
160.00	1.0856	1.0618	1.0789

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)	0.80%	0.16%	0.44%

* g = 9.80 m/s²

Rev K (2024-01)