

DATE: 2024-10-23

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

S/N: R3871

P/N: R-180-S002

DAS: 34105

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9995	0.9990	0.9994
30.00	0.9988	0.9977	0.9985
40.00	0.9981	0.9962	0.9975
50.00	0.9976	0.9951	0.9966
60.00	0.9977	0.9946	0.9959
70.00	0.9986	0.9952	0.9958
80.00	1.0007	0.9974	0.9966
90.00	1.0043	1.0012	0.9988
100.00	1.0097	1.0071	1.0025
120.00	1.0279	1.0269	1.0171
140.00	1.0576	1.0592	1.0441
160.00	1.0896	1.0958	1.0776

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.251
Cross-axis Coupling (g/g)	0.48%	0.12%	0.24%

* g = 9.80 m/s²

Rev K (2024-01)