

DATE: 2024-09-18

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

S/N: R3858

P/N: R-180-S002

DAS: 34098

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0009
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9979
30.00	0.9978	0.9978	0.9955
40.00	0.9962	0.9962	0.9934
50.00	0.9947	0.9949	0.9919
60.00	0.9936	0.9939	0.9910
70.00	0.9932	0.9939	0.9910
80.00	0.9939	0.9952	0.9922
90.00	0.9960	0.9981	0.9947
100.00	0.9998	1.0029	0.9988
120.00	1.0138	1.0199	1.0133
140.00	1.0376	1.0477	1.0377
160.00	1.0636	1.0775	1.0636

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.20%	0.52%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)