

DATE: 2024-05-30

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

S/N: R3817

P/N: R-180-S002

DAS: 34070

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9988	0.9993
30.00	0.9975	0.9975	0.9985
40.00	0.9963	0.9963	0.9978
50.00	0.9959	0.9961	0.9978
60.00	0.9958	0.9962	0.9978
70.00	0.9964	0.9971	0.9983
80.00	0.9982	0.9991	0.9997
90.00	1.0010	1.0022	1.0020
100.00	1.0057	1.0071	1.0060
120.00	1.0215	1.0229	1.0202
140.00	1.0469	1.0484	1.0442
160.00	1.0756	1.0769	1.0740

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.40%	0.44%	0.40%

* g = 9.80 m/s²

Rev K (2024-01)