

DATE: 2024-09-18

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

S/N: R3859

P/N: R-180-S002

DAS: 34099

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0006
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9991	0.9983
30.00	0.9976	0.9979	0.9961
40.00	0.9960	0.9965	0.9941
50.00	0.9946	0.9953	0.9927
60.00	0.9936	0.9947	0.9917
70.00	0.9936	0.9949	0.9912
80.00	0.9949	0.9965	0.9918
90.00	0.9979	0.9997	0.9933
100.00	1.0030	1.0049	0.9964
120.00	1.0214	1.0229	1.0082
140.00	1.0526	1.0518	1.0290
160.00	1.0883	1.0821	1.0565

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.52%	0.16%	0.08%

* g = 9.80 m/s²

Rev K (2024-01)