

DATE: 2025-12-01

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

S/N: R3938

P/N: R-97499-CM

DAS: 34148

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9991	0.9992
30.00	0.9969	0.9978	0.9980
40.00	0.9947	0.9962	0.9966
50.00	0.9927	0.9948	0.9953
60.00	0.9912	0.9939	0.9942
70.00	0.9908	0.9937	0.9938
80.00	0.9919	0.9948	0.9943
90.00	0.9948	0.9974	0.9961
100.00	0.9999	1.0017	0.9994
120.00	1.0181	1.0170	1.0120
140.00	1.0473	1.0410	1.0340
160.00	1.0766	1.0635	1.0588

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)	0.04%	0.08%	0.20. %

* g = 9.80 m/s²

Rev K (2024-01)