



Electrodynamic Velocity Sensor

URL: https://www.sxplc.com/index.php?route=product/product&product_id=3515

Product data sheet

Dynamic Performance (PR9268/20x-x00 & PR9268/30x-x00)

Sensitivity	28.5 mV/mm/s (723.9 mV/in/s)
Frequency Range	4 to 1000Hz
Natural Frequency	4.5Hz \pm 0.75Hz @ 20°C (68°F)
Transverse Sensitivity	0.13 (PR9268/20x-x00) @ 110Hz 0.27 (PR9268/30x-x00) @ 110Hz
Vibration Amplitude (Mechanical Limit)	3000 μ m (4000 μ m) peak-peak
Amplitude Linearity	< 2%
Maximum Acceleration	10g (98.1 m/s ²) peak-peak continuous 20g (196.2 m/s ²) peak-peak intermittent

Maximum Transverse Acceleration		2g (19.62 m/s ²)
Damping Factor		~0.56 @ 20°C (68°F) ~0.42 @ 100°C (212°F)
Resistance	1875Ω ± 10%	
Inductance	≤ 90 mH	
Active Capacity	< 1.2 nF	

