Accelerometers: D110-U (Uni-axial) and D110-T (Tri-axial)

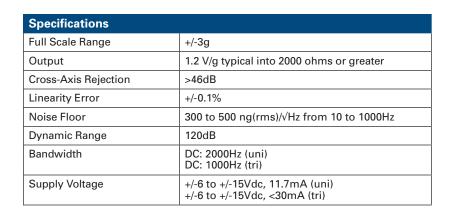
Overview:

The Digitexx D110-U and D110-T are Force-balanced Micro electro-mechanical (MEMS) Capacitive accelerometers and feature a wide dynamic range, excellent bandwidth and an ultra-low noise floor. They provide high resolution and precise measurements at an excellent value making them ideal for Structural Health Monitoring (SHM) installations.



Available in both uni-axial or tri-axial,

our rugged aluminum housings are NEMA 4 rated and easily mount to most surfaces.





D110-T (Tri-axial)

Physical Characteristics	
Operating Temperature	-40°C to +85°C
Temperature Zero Drift	+/-100µg/°C over temperature range
Temperature Scale Factor	250ppm/°C (uni) 75ppm/ °C (tri)
Shock Performance	1500g 0.5ms ½ sine (uni) 1000g 0.5ms ½ sine (tri)
Housing	Watertight aluminum enclosure
Dimensions	79 x 74 x 58 mm
Weight	0.57 kg



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