

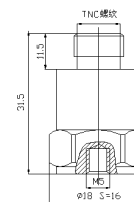
Type: 152A Series

Industrial Accelerometer

Version: A1.2 Edit Date: 3/11/2013

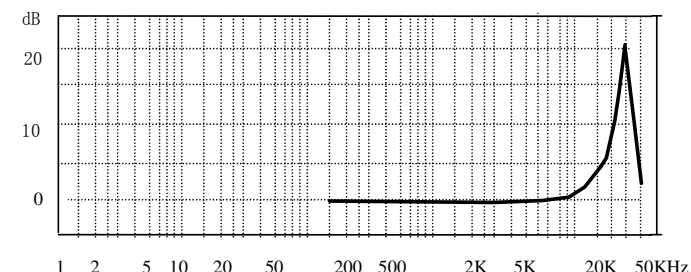
High Performance in a Low Cost Sensor

- Standard TNC Connection
- Shell isolation installation



Model		152A50	152A100
Sensitivity: ±5%		50mV/g	100mV/g
Resolution		1mgrms	0.5mgrms
Frequency Response	±3dB	0.5 to 12000 Hz	0.5 to 12000 Hz
	±10%	1 to 8000 Hz	1 to 8000 Hz
Dynamic Range		±100g	±50g
Power Supply	Voltage Source	18 to 30VDC	18 to 30VDC
	Constant Current Excitation	2 to 10mA	2 to 10mA
Output Impedance		< 100 Ω	< 100 Ω
Bias Output Voltage		10 – 14VDC	10 – 14VDC
Case Isolation		>10 ⁸ Ω	>10 ⁸ Ω
Operating Temperature		-50 to +121°C	-50 to +121°C
Maximum Shock Acceleration		3000g peak	3000g peak
Sealing		Welded, Hermetic	Welded, Hermetic
Sensing Element		PZT Ceramic	PZT Ceramic
Sensing Structure		Shear Mode	Shear Mode
Weight		32Gram	32Gram
Case Material		316L Stainless Steel	316L Stainless Steel
Mounting Torque		2.7 to 6.8 Nm	2.7 to 6.8 Nm
Mounting Type		M5(10-32 Selectable)	M5(10-32 Selectable)
Accessories		3meters Cable with TNC/BNC(Customized) :1 ; M5 Stud:1 ;Calibration Certificate:1	

Typical Frequency Response



Typical Temperature Response

