
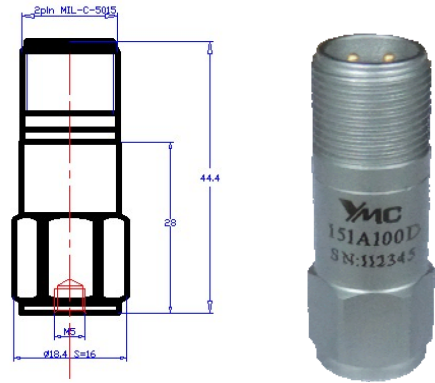
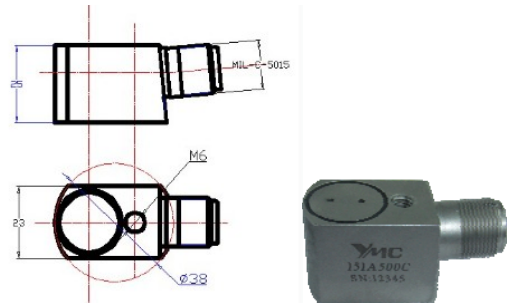


Type: 151A100D/150A100C		Industrial Accelerometer		Version: A1.2 Edit Date: 3/11/2013		
High Performance in a Low Cost Sensor <ul style="list-style-type: none"> ➤ Standard 2 Pin MIL Connection ➤ Hermetically Sealed Sensors ➤ Explosion-proof 				Cable Red (+) Signal/Power Black (-) Common Shield Cable Drain Wire		
Model		151A100C	151A100D	Top Exit Connector(YMC151A100D)		
Sensitivity: ±5%		100mV/g	100mV/g			
Resolution		0.5mgrms	0.5mgrms			
Frequency Response		±3dB	0.5 to 15000 Hz			0.5 to 15000 Hz
		±10%	2.0 to 10000 Hz			2.0 to 10000 Hz
Dynamic Range		±50g	±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	Top Exit Connector(YMC151A100C)		
Maximum Shock Acceleration		5000g peak	5000g peak			
Sealing		Welded, Hermetic	Welded, Hermetic			
Sensing Element		PZT Ceramic	PZT Ceramic			
Sensing Structure		Shear Mode	Shear Mode			
Weight		93Gram	90Gram			
Case Material		316L Stainless Steel	316L Stainless Steel			
Mounting Torque		2.7 to 6.8 Nm	2.7 to 6.8 Nm			
Mounting Type		1/4-28(M6×1 Selectable)	1/4-28(M6×1 Selectable)			
Accessories		5 meters Cable with BNC(Customized) :1 ; 1/4-28 Stud:1 ;Calibration Certificate:1				