

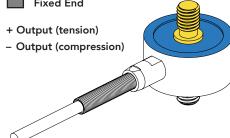


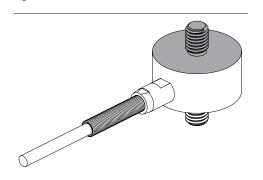
FEATURES

- Minimal mounting clearance
- 17-4 PH stainless-steel construction
- For use in both tension and compression
- Utilizes metal foil strain gauge technology
- Adheres to RoHS Directive 2015/863/EU
- Accessories and related instruments available









SPECIFICATIONS		
PERFORMANCE		
Nonlinearity	±0.25% of RO	
Hysteresis	±0.25% of RO	
Nonrepeatability	±0.1% of RO	
ELECTRICAL		
Rated Output (RO)	2 mV/V nom	
Excitation (VDC or VAC)	15 max	
Bridge Resistance	740 Ohm nom	
Insulation Resistance	≥500 MOhm @ 50 VDC	
Connection	#28 AWG, 4 conductor braided-shielded PVC cable 10 ft (3 m) long	
Wiring/Connector Code	WC1	
MECHANICAL		
Weight (minus cable)	1.5 oz [42.5 g]	
Safe Overload	150% of RO	
Deflection	0.001 in [0.03 mm] nom	
Material (flexure)	17-4 PH stainless-steel	
IP Rating	IP64	
TEMPERATURE		
Operating Temperature	-45 to 200°F (-42 to 93°C)	
Compensated Temperature	60 to 160°F (15 to 72°C)	
Temperature Shift Zero	±0.005% of RO/°F (±0.01 of RO/°C)	
Temperature Shift Span	±0.02% of load/°F (±0.036 of load/°C)	
CALIBRATION		
Calibration Test Excitation	10 VDC	
Calibration (standard)	5-pt Tension	
Calibration (available)	Compression	
Shunt Calibration Value	100 kOhm	
CONFORMITY		
RoHS	EU 2015/863	
CE	EN55011; EN61326-1	







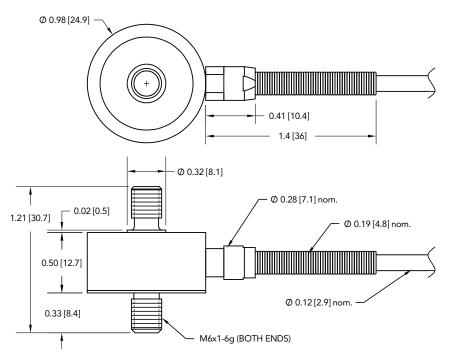




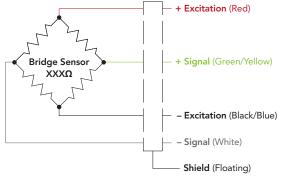


Model LCM300

DIMENSIONS inches [mm]



WIRING CODE (WC1 WITH SHIELD) RED + EXCITATION BLACK - EXCITATION GREEN + SIGNAL WHITE - SIGNAL SHIELD FLOATING



CAPACITIES			
ITEM #	lb	N	Natural Frequency (kHz)
FSH03884	50	223	7.5
FSH03885	100	445	10.2
FSH03886	250	1112	16.2
FSH03887	500	2224	22.9
FSH03888	1000	4448	30.1



Drawing Number: FI1059-G

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