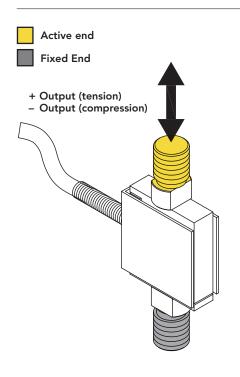




### FEATURES

- Miniature size •
- Notable nonlinearity •
- Available in both Aluminum or Stainless Steel •
- Built In Overload Protection .



SPECIFICATIONS			
PERFORMANCE			
Nonlinearity	±0.1% of RO		
Hysteresis	±0.1% of RO		
Nonrepeatability	±0.05% of RO		
ELECTRICAL			
Rated Output (RO)	2 mV/V		
Excitation (VDC)	10 max		
Bridge Resistance	1000 Ohm nom (100, 250 g), 350 Ohm nom (1 lb – 100 lb)		
Insulation Resistance	≥500 MOhm @ 50 VDC		
Connection	#29 AWG, 4 conductor, spiral shielded silicone cable, 5 ft [1.5 m] long		
Wiring Code	WC1		
MECHANICAL			
Weight	0.5 oz [14 g] (100 g–10 lb) 1.1 oz [31 g] (25–100 lb)		
Safe Overload	1000% of RO (100 g–100 lb) 200% of RO tension only (50–100 lb)		
Material	Aluminum (100 g–10 lb), Stainless-steel (25–100 lb)		
IP Rating	IP40		
TEMPERATURE			
Operating Temperature	-60 to 200°F [-50 to 93°C]		
Compensated Temperature	60 to 160°F [15 to 72°C]		
Temperature Shift Zero	±0.01% of RO/°F [0.018% of RO/°C]		
Temperature Shift Span	±0.02% of Load/°F [0.036% of Load/°C]		
CALIBRATION			
Calibration Test Excitation	5 VDC		
Calibration (standard)	5-pt Tension		
Calibration (available)	5-pt Tension and Compression		
Shunt Calibration Value	60.4 kOhm, 301 kOhm (100–250 g)		

# Sensor Solution Source Load · Torque · Pressure · Multi-Axis · Calibration · Instruments · Software

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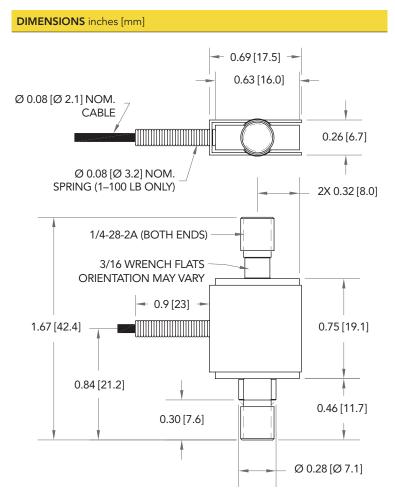
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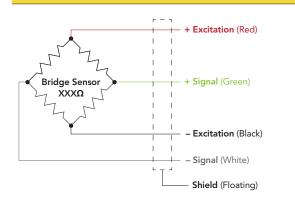
U.S. Manufacturer

## Model LRM200



CAPACITIES					
ITEM #	lb	N	Deflection (in)	Natural Frequency (Hz)	
FSH04351	5	22.2	0.005	1100	
FSH04352	10	44.5	0.004	1700	
FSH04353	25	111	0.004	2100	
FSH04354	50	222	0.004	2700	
FSH04355	100	445	0.005	3500	

#### WC1 STANDARD 4 WIRE WITH SHIELD





### Drawing Number: FI1477

FUTEK reserves the right to modify its design and specifications without notice. Please visit www.futek.com/salesterms for complete terms and conditions.

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