

FUTEK MODEL LLB210 (L1614) SUBMINIATURE THREADED LOAD BUTTON LOAD CELL

Drawing Number: FI1052-B

INCH [mm] | R.O.= Rated Output

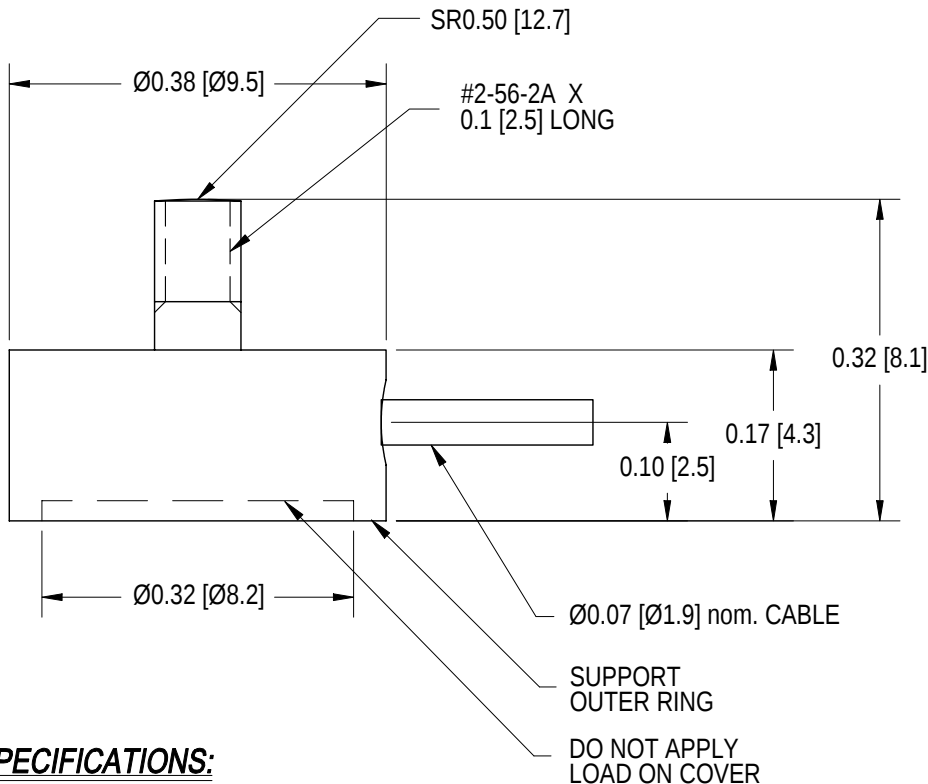
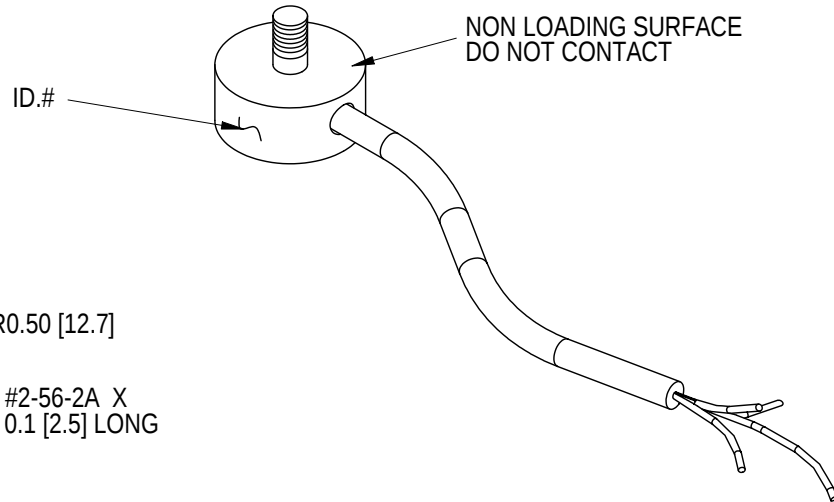
WIRING CODE (WC1)

+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE

Shield
FLOATING



+ OUTPUT
(COMPRESSION)



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% R.O.
EXCITATION (VDC OR VAC)	7 MAX
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F [0.018% of R.O./°C]
TEMP. SHIFT SPAN	±0.02% of LOAD/°F [0.036% of LOAD/°C]
COMPENSATED TEMP.	60 to 160°F [15 to 72°C]
OPERATING TEMP.	-60 to 200°F [-50 to 93°C]
WEIGHT	1 oz [28 g]
MATERIAL	17-4PH S.S.
DEFLECTION	0.002 [0.05] nom.
CABLE: #29 AWG, 4 Conductor, Spiral Shielded Silicone Cable 10 ft [3 m] Long	
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	
CALIBRATION (STD)	5 pt. COMPRESSION; 60.4 K Ω SHUNT CAL. VALUE
CALIBRATION TEST EXCITATION	5 VDC

CAPACITIES		
STOCK NO:	lb	N
FSH02708	10	44.5
FSH02709	25	111
FSH02710	50	222

REFER TO LLB215 FOR BOTTOM
CABLE EXIT VERSION

Old Model Stock# (Ref. Dwg FI1052-A): 10lb - FSH02619, 25lb - FSH02620, 50lb - FSH02621