

FUTEK MODEL LLB355 (L1605)

MINIATURE LOAD BUTTON W/ THREADED STUD

Drawing Number: FI1247

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

WIRING CODE (WC1)

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

Shield
FLOATING

NON LOADING SURFACE
DO NOT CONTACT

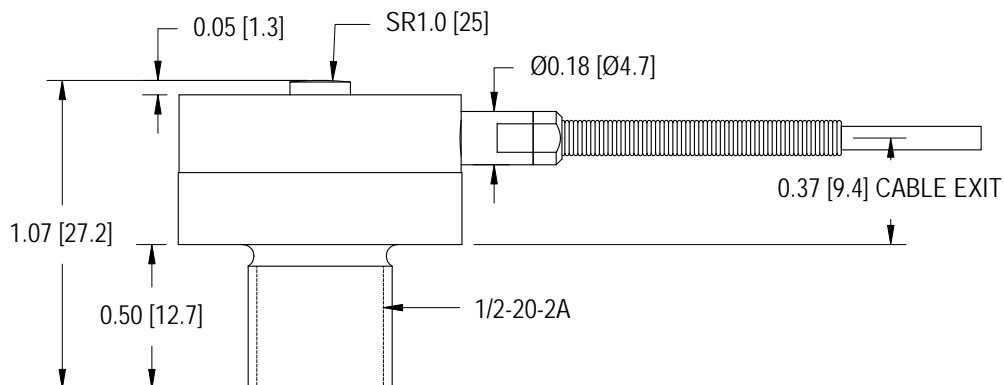
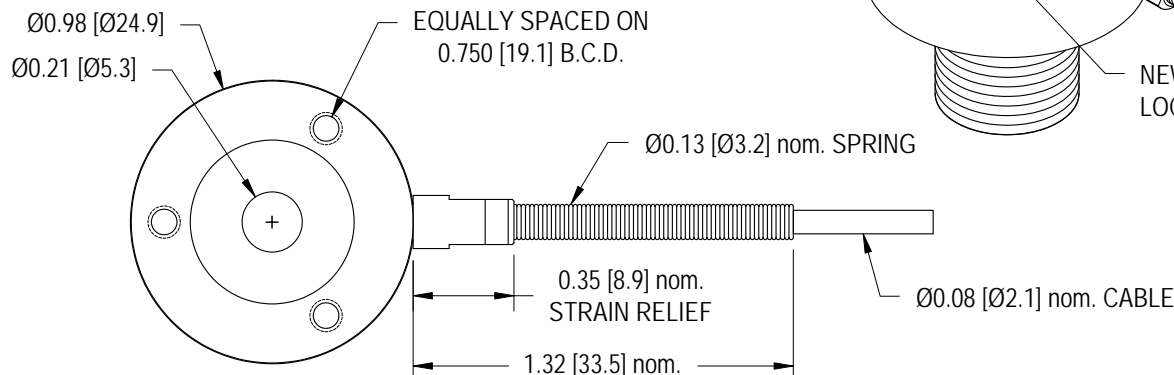
+ OUTPUT
(COMPRESSION)

PREVIOUS ID#
LOCATION

FUTEK
LABEL

NEW ID#
LOCATION

3x #4-40-2B THRU
EQUALLY SPACED ON
0.750 [19.1] B.C.D.



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 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]
DEFLECTION	0.003 [0.08] nom.
WEIGHT	0.7 oz [20 g], 2.1 oz [60 g] with threaded stud option
MATERIAL	17-4PH S.S.
CABLE:	#29 AWG, 4 Conductor, Spiral Shielded Teflon Cable 10 ft [3m] Long
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	
CALIBRATION (STD)	5 pt. COMPRESSION; 60.4 K Ω SHUNT CAL. VALUE
CALIBRATION TEST EXCITATION	10 VDC

IMPROVED ACCURACY
AVAILABLE CONTACT
FACTORY

CAPACITIES		
STK #	lb	N
FSH00853	25	111
FSH00854	50	222
FSH01498	100	445