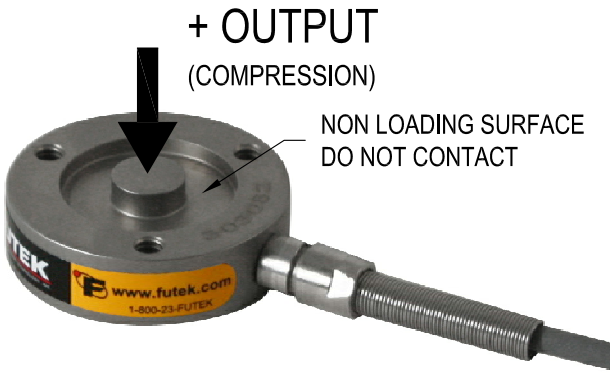
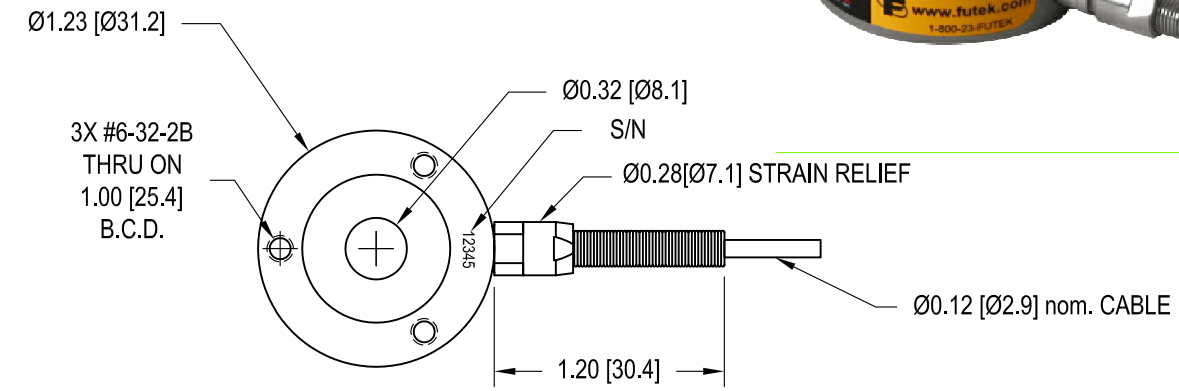
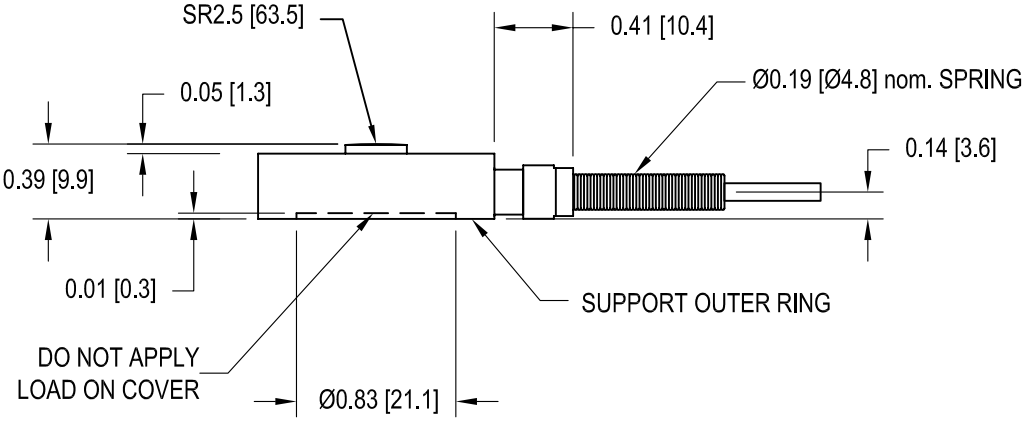
FUTEK MODEL LLB400

MINIATURE LOAD BUTTON W/ MOUNTING HOLES

Drawing Number: FI1055-C			
INCH [mm]	R.O.= Rated Output		
WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			







SPECIFICATIONS:

RATED OUTPUT	*2 mV/V nom. (100 to 2000 lb), 2.5 mV/V nom. (2500 lb)*
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±3% of R.O.*
EXCITATION (VDC OR VAC)	*18 MAX*
BRIDGE RESISTANCE	*700 Ω nom.*
NONLINEARITY	*SEE CHART*
HYSTERESIS	*SEE CHART*
NONREPEATABILITY	*±0.05% 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	*0.0009 [0.02] to 0.0015 [0.04] nom.*
MATERIAL	*17-4PH S.S.*

CABLE: #26 AWG, 4 Conductor, Braided Shielded Teflon Cable 10 ft [3m] Long

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*5 pt. COMPRESSION; 100KΩ , 87.325KΩ (2.5K lb) SHUNT CAL. VALUE*
CALIBRATION TEST EXCITATION	*10 VDC*

STK #	CAPACITIES lb	CAPACITIES N	NONLINEARITY % of R.O.	HYSTERESIS % of R.O.
FSH00873	100	445	±0.15	±0.15
FSH00874	250	1112	±0.15	±0.15
FSH00875	500	2224	±0.25	±0.25
FSH00877	1000	4448	±0.25	±0.25
FSH00878	2000	8896	±0.25	±0.25
FSH00879	2500	11120	±0.50	±0.50

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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