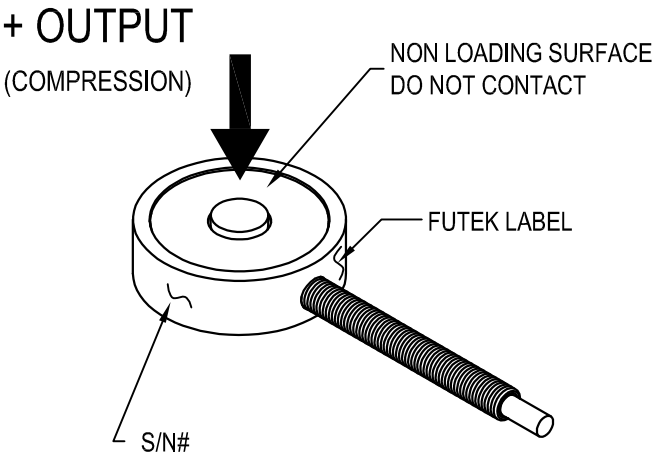
FUTEK MODEL LLB300

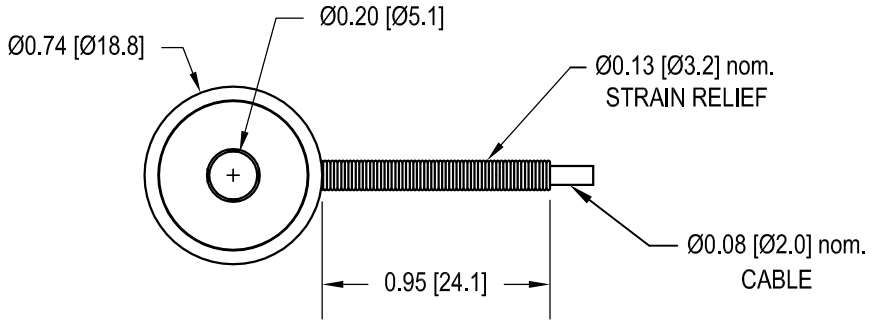
SUBMINIATURE LOAD BUTTON LOAD CELL

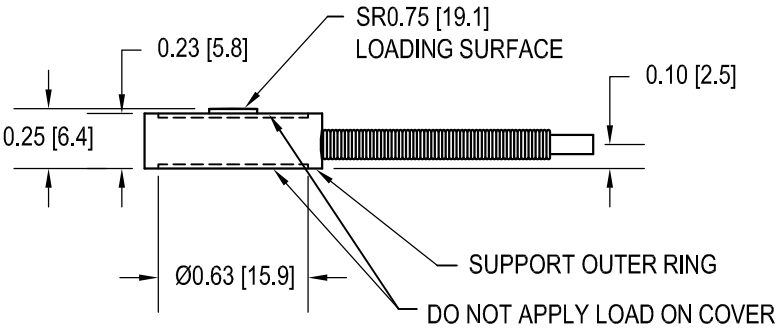
(Previously L1630-Q10291)

Drawing Number: FI1119-B	
INCH [mm]	R.O.= Rated Output

WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
SHIELD			
FLOATING			







ITEM #	CAPACITY lb	CAPACITY N
FSH01046	25	111
FSH01047	50	222
FSH01048	100	445
FSH01050	250	1112
FSH01052	500	2224
FSH01053	1000	4448

SPECIFICATIONS:

RATED OUTPUT	*2 mV/V nom.*
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±3% R.O.*
EXCITATION (VDC OR VAC)	*18 MAX*
BRIDGE RESISTANCE	*700 Ω nom.*
NONLINEARITY	*±0.5% of R.O.* } IMPROVED ACCURACY
HYSTERESIS	*±0.5% of R.O.* } AVAILABLE CONTACT
NONREPEATABILITY	*±0.1% of R.O.* } FACTORY
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 250°F [15 to 121°C]*
OPERATING TEMP.	*-60 to 250°F [-50 to 121°C]*
WEIGHT	*1.5 oz [43 g]*
MATERIAL	*17-4PH S.S.*
DEFLECTION	*0.002 [0.05] nom.*

CABLE: #29 AWG, 4 Conductor, Spiral Shielded Teflon Cable 10 ft [3m] Long

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*5 pt. COMPRESSION; 100KΩ SHUNT CAL. VALUE*
CALIBRATION TEST EXCITATION	*10 VDC*

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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