

# FUTEK MODEL LLB200 (L1610) SUBMINIATURE LOAD BUTTON LOAD CELL

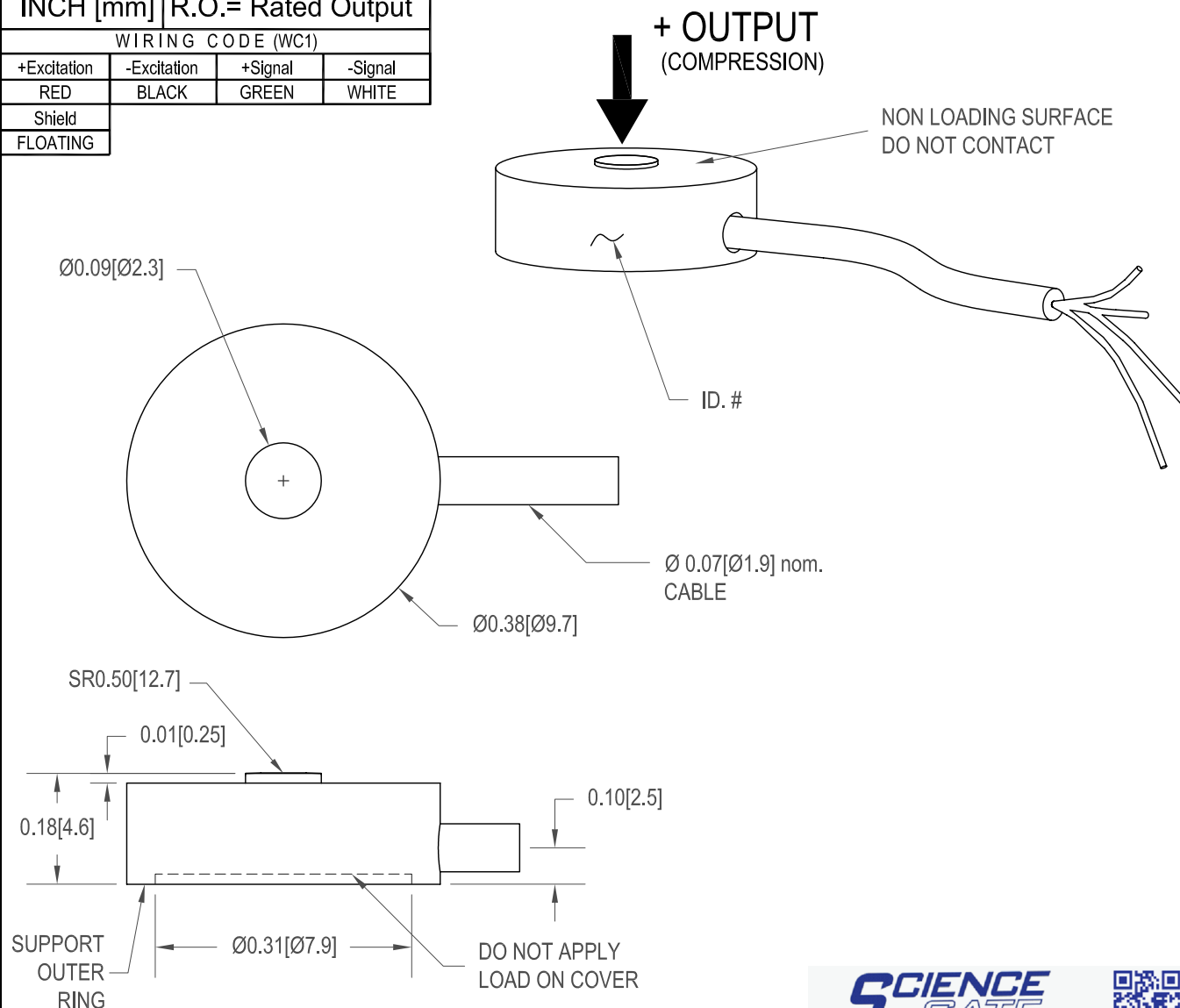
Drawing Number: FI1051-B

INCH [mm] R.O.= Rated Output

## WIRING CODE (WC1)

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

Shield
FLOATING



## SPECIFICATIONS:

SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3 % of R.O.
EXCITATION (VDC OR VAC)	7 MAX
BRIDGE RESISTANCE	350 $\Omega$ nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F [0.036% 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	17-4 PH S.S.
DEFLECTION	0.002 [0.05] nom.

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

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD) 5 pt. COMPRESSION; 60.4 K $\Omega$  SHUNT CAL. VALUE

CALIBRATION TEST EXCITATION 5 VDC



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STOCK NO:	CAPACITIES		RATED OUTPUT (nom.)
	lb	N	
FSH02612	10	44.5	1.5 mV/V
FSH02613	25	111	2 mV/V
FSH02614	50	222	

REFER TO LLB205 FOR BOTTOM CABLE EXIT VERSION

**FUTEK**  
ADVANCED SENSOR TECHNOLOGY, INC.

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