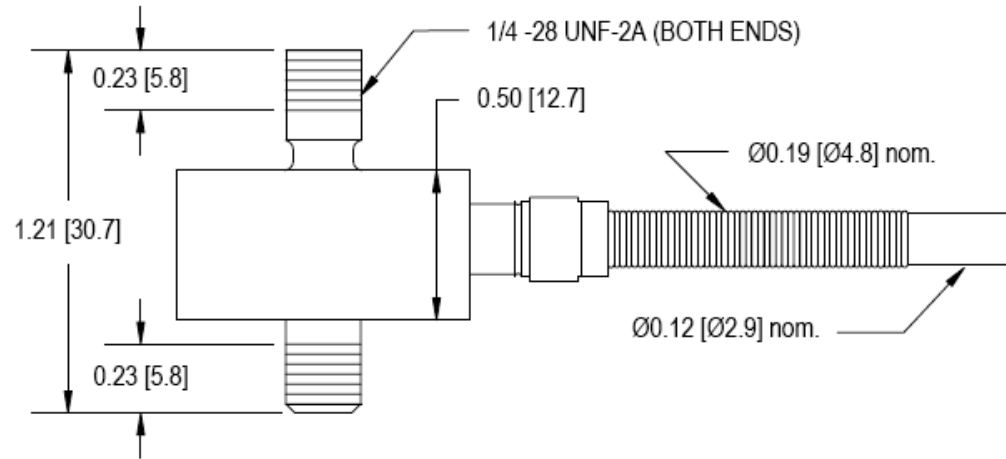
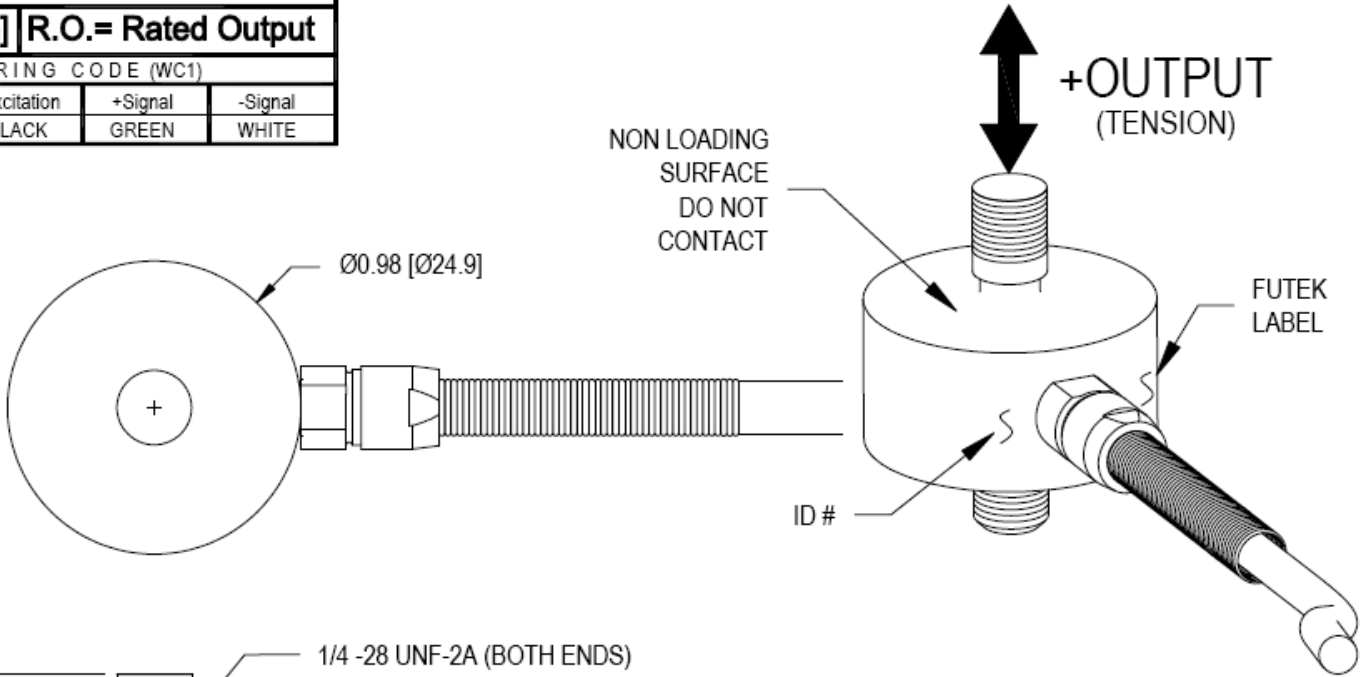


# FUTEK MODEL LCM300 (L1650) TENSION AND COMPRESSION LOAD CELL

Drawing Number: FI1059

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

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



STK #	CAPACITIES	
	lb	N
FSH00665	25	111
FSH00666	50	223
FSH00667	100	445
FSH00668	250	1112
FSH00669	500	2224
FSH00670	1K	4448

## SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	7 MAX FOR (25 lb), 18 MAX (50 lb to 1K lb)
BRIDGE RESISTANCE	350 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	±0.005% of R.O./°F [0.01% 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.	-45 to 200°F [-42 to 93°C]
WEIGHT	2oz. [57g]
MATERIAL (FLEXURE)	17-4PH S.S.
DEFLECTION	0.001 to 0.002 [0.03 to 0.05] nom.
CABLE: #28 AWG, 4 Conductor, Spiral Shielded PVC Cable 10 ft [3 m] Long	
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	
CALIBRATION (STD)	5 pt TENSION; 60.4 KΩ SHUNT CAL. VALUE
CALIBRATION (AVAILABLE)	COMPRESSION
CALIBRATION TEST EXCITATION	5 VDC FOR 25 lb, 10 VDC >25 lb.