

FUTEK MODEL L2320

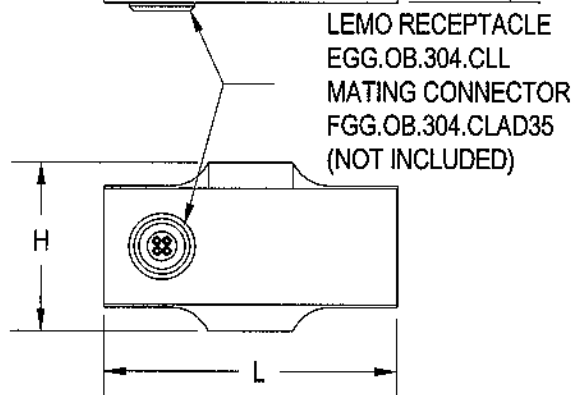
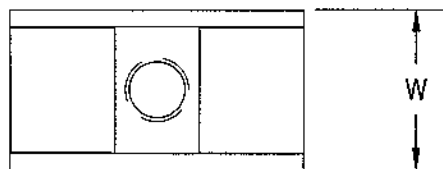
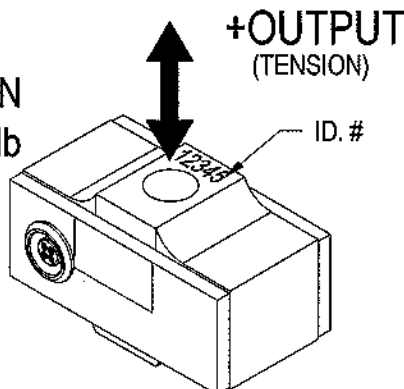
Drawing Number: F1664-08

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

WIRING CODE (WC1 10-1000lb) (CC4 150-1000lb)

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

LEMO VERSION
150 - 1000 lb

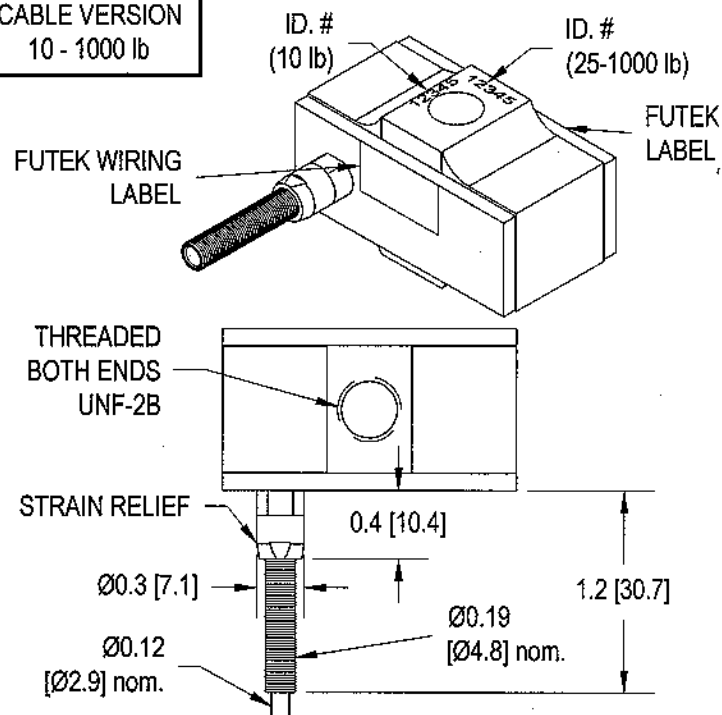


SPECIFICATIONS:

RATED OUTPUT 2 mV/V nom.
SAFE OVERLOAD 150% of R.O.
ZERO BALANCE ±1% of R.O.
EXCITATION (VDC OR VAC) 15 MAX (10 to 100 lb) 18 MAX (150 to 1000 lb)
BRIDGE RESISTANCE 350 Ω nom.
NONLINEARITY ±0.1% of R.O.
HYSTERESIS ±0.1% of R.O.
NONREPEATABILITY ±0.05% of R.O.
CREEP ±0.05% of LOAD
TEMP. SHIFT ZERO ±0.005% of R.O./°F [0.01% of R.O./°C]
TEMP. SHIFT SPAN ±0.005% of LOAD/°F [0.01% of LOAD/°C]
COMPENSATED TEMP. 60 to 160°F [15 to 72°C]
OPERATING TEMP. -60 to 200°F [-50 to 93°C]
WEIGHT SEE CHART
MATERIAL ALUMINUM (10 to 300 lb) 17-4PH S.S. (500 to 1000 lb)
DEFLECTION 0.003 to 0.006 [0.08 to 0.15] nom.
CABLE (10 - 1000 lb) #28 AWG, 4 Conductor, Spiral Shielded Clear PVC Cable 10 ft [3 m] Long
CONNECTOR (150 - 1000 lb): LEMO 4 Pin Receptacle (EGG.OB.304.CLL)
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD) 5 pt. TENSION; 60K Ω SHUNT CAL. VALUE
CALIBRATION (AVAILABLE) COMPRESSION
CALIBRATION TEST EXCITATION 10 VDC

LOW PROFILE TENSION AND COMPRESSION LOAD CELL

CABLE VERSION
10 - 1000 lb



CAPACITY		L	W	H	THREAD	WEIGHT
lb	N					
10	22.2	1.50 [38.1]	0.55 [14]	0.75 [19.1]	#10-32	1.5 oz [43 g]
25	111	1.61 [40.9]	0.70 [17.8]		1/4-28	1.8 oz [51 g]
50	222					
75	334					
100	445	1.74 [44.2]	0.95 [24.1]	1.00 [25.4]	3/8-24	5 oz [142 g]
150	667					
200	890					
300	1334					
500	2224	1.66 [42.2]	0.95 [24.1]	1.00 [25.4]	3/8-24	5 oz [142 g]
750	3336	1.70 [43.2]				
1000	4450	1.74 [44.2]				

** OVER LOAD VERSIONS AVAILABLE, CONTACT FACTORY**

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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