

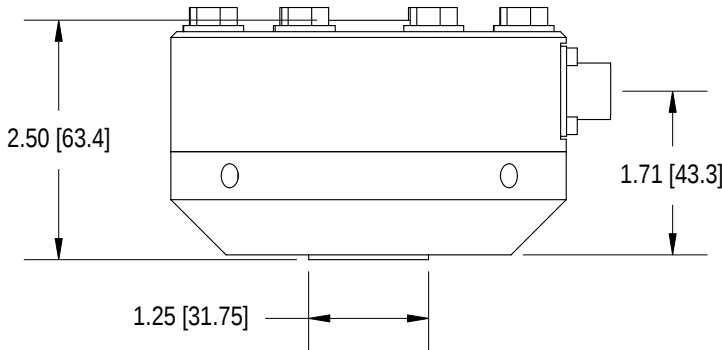
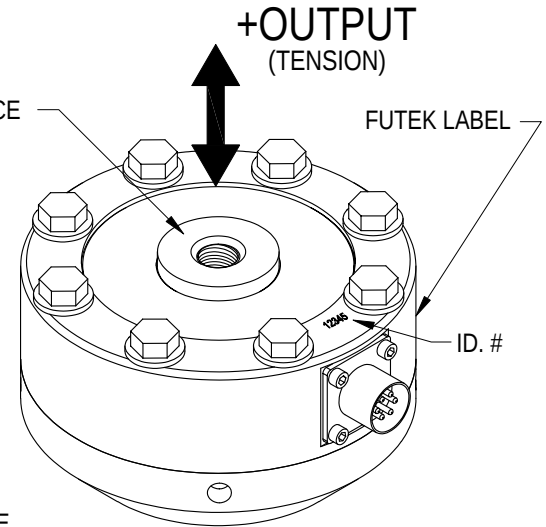
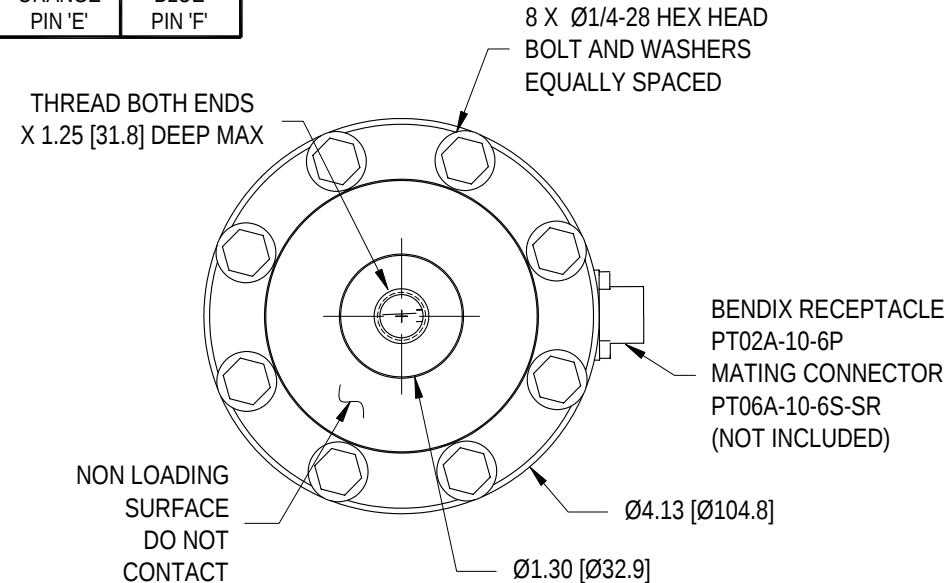
FUTEK MODEL LCF456

Drawing Number: FI1180-A

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

WIRING CODE (CC1)			
+Excitation	-Excitation	+Signal	-Signal
RED PIN 'A'	BLACK PIN 'B'	GREEN PIN 'C'	WHITE PIN 'D'
+Sense	-Sense		
ORANGE PIN 'E'	BLUE PIN 'F'		

FATIGUE RATED LOW PROFILE UNIVERSAL PANCAKE LOAD CELL (Previously L2902)



REFER TO LCF451 FOR VERSION WITHOUT BASE PLATE

SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom.
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	20 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±0.1% of R.O.
HYSTERESIS	±0.2% of R.O.
NONREPEATABILITY	±0.02% of R.O.
CREEP	±0.02% of LOAD
TEMP. SHIFT ZERO	±0.001% of R.O./°F [0.0018% of R.O./°C]
TEMP. SHIFT SPAN	±0.002% of LOAD/°F [0.0036% of LOAD/°C]
COMPENSATED TEMP.	60 to 160°F [15 to 72°C]
OPERATING TEMP.	-60 to 200°F [-50 to 93°C]
DEFLECTION	0.002 to 0.005 [0.05 to 0.13] nom.
CONNECTOR: 6 Pin BENDIX Receptacle (PT02A-10-6P)	
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	
CALIBRATION (STD)	5 pt. COMPRESSION; 200K Ω SHUNT CAL. VALUE
CALIBRATION (AVAILABLE)	5pt. TENSION
CALIBRATION TEST EXCITATION	10 VDC

Stock #	CAPACITY lb	N	THREAD	Material
FSH00215	250	1112	5/8-18	2.5lb[1.1kg] Anodized Aluminum
FSH02213			M16 X 2	
FSH00216	500	2224	5/8-18	
FSH02214			M16 X 2	
FSH00217	1000	4448	5/8-18	6.9lb[3.2kg] 17-4PH S.S.
FSH02215			M16 X 2	
FSH00210	2500	11120	5/8-18	
FSH02216			M16 X 2	
FSH02249	5000	22240	5/8-18	
FSH02303			M16 X 2	

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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