

# FUTEK MODEL LCF700

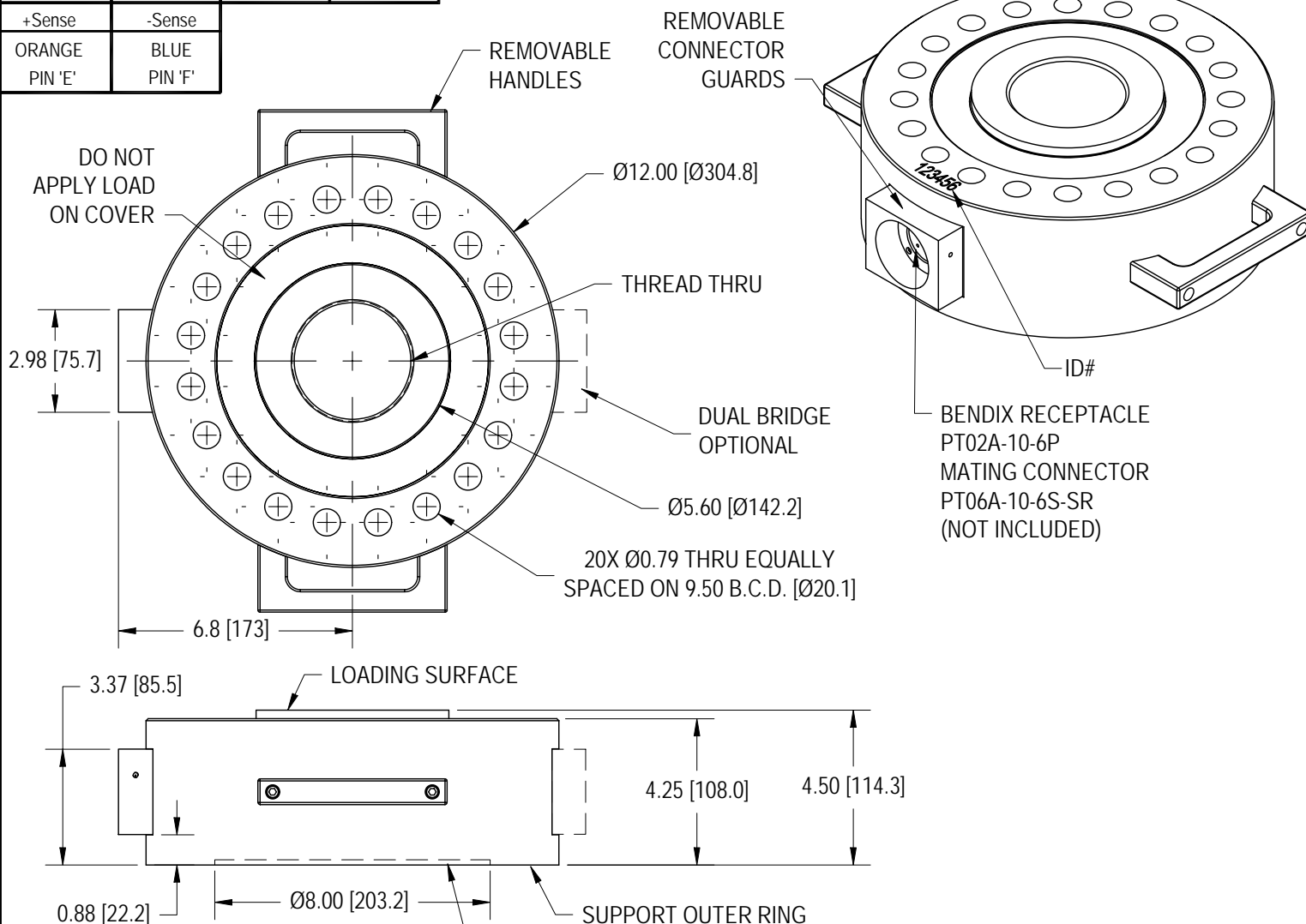
## LOW PROFILE UNIVERSAL PANCAKE LOAD CELL

**Drawing Number: FI1015-B**

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

**WIRING CODE (CC1)**

+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
PIN 'A'	PIN 'B'	PIN 'C'	PIN 'D'
+Sense	-Sense		
ORANGE	BLUE		
PIN 'E'	PIN 'F'		



### SPECIFICATIONS:

<b>RATED OUTPUT</b>	4 mV/V nom.	DO NOT
<b>CAPACITY</b>	400 Klb [1779 kN]	APPLY LOAD
<b>SAFE OVERLOAD</b>	150% of R.O.	ON COVER
<b>ZERO BALANCE</b>	±1% of R.O.	
<b>EXCITATION (VDC OR VAC)</b>	20 VDC MAX	
<b>BRIDGE RESISTANCE</b>	350 $\Omega$ nom.	
<b>NONLINEARITY</b>	±0.2% of R.O.	
<b>HYSTERESIS</b>	±0.2% of R.O.	
<b>NONREPEATABILITY</b>	±0.02% of R.O.	
<b>CREEP</b>	±0.02% of LOAD	
<b>TEMP. SHIFT ZERO</b>	±0.005% of R.O./°F (0.009% of R.O./°C)	
<b>TEMP. SHIFT SPAN</b>	±0.005% of LOAD/°F (0.009% of LOAD/°C)	
<b>COMPENSATED TEMP.</b>	60 to 160°F (15 to 72°C)	
<b>OPERATING TEMP.</b>	-60 to 200°F (-50 to 93°C)	
<b>WEIGHT</b>	95 lb	
<b>MATERIAL</b>	17-4PH S.S.	
<b>CONNECTOR: 6 Pin BENDIX Receptacle</b>	(PT02A-10-6P)	
<b>CALIBRATION (STD)</b>	5 pt. COMPRESSION; 30 K $\Omega$ SHUNT	
<b>CALIBRATION TEST EXCITATION</b>	10 VDC	

STOCK NO:	THREAD	DUAL BRIDGE
FSH02966	3 1/2 - 8	
FSH03042		X
FSH03041	M 90 x 3	
FSH03043		X

REFER TO LCF705 FOR TENSION BASE VERSION