

FUTEK MODEL LCF700
STOCK NO. FSH01842

LOW PROFILE UNIVERSAL PANCAKE LOAD CELL

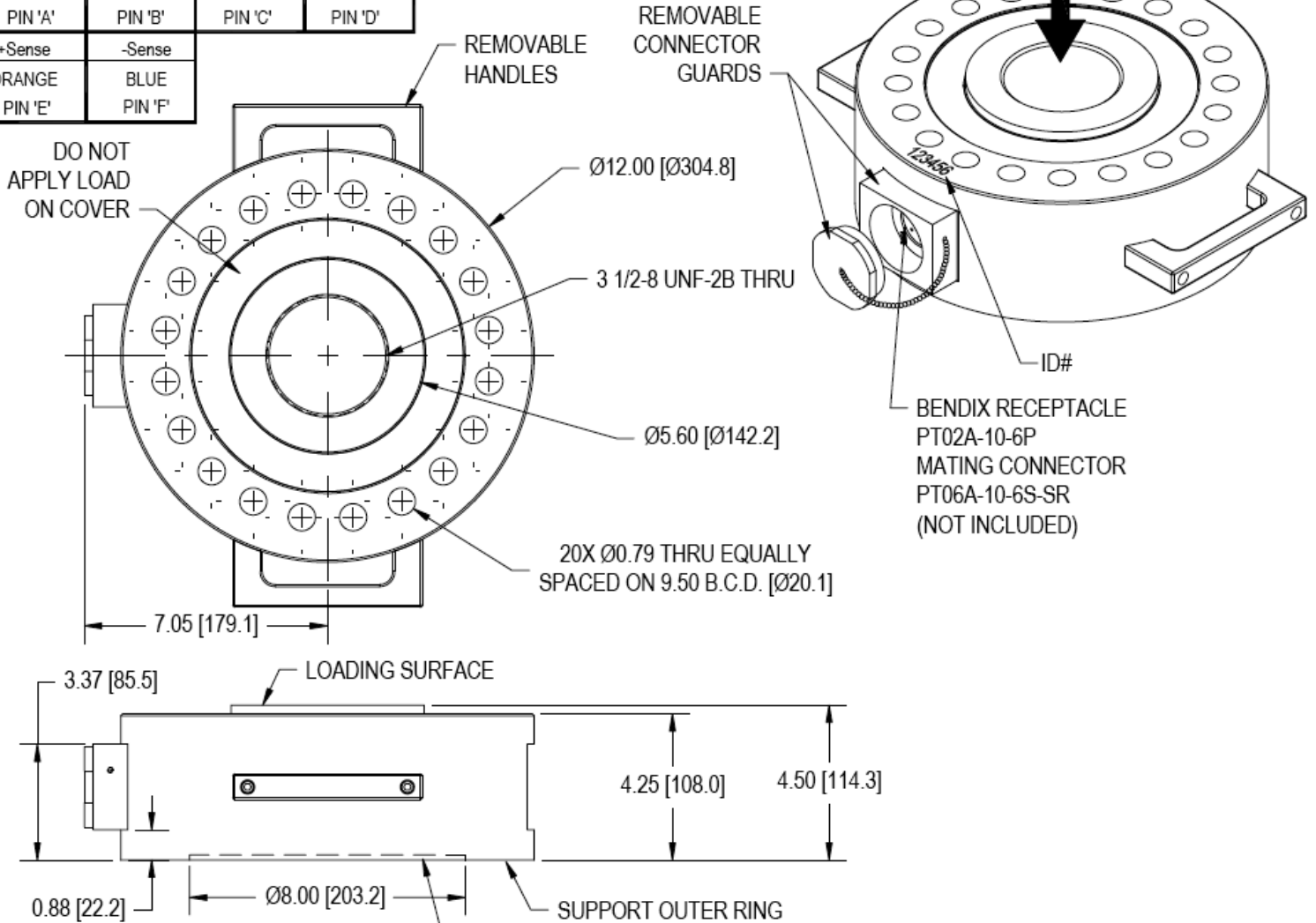
Drawing Number: FI1015-A

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'		

+OUTPUT
(TENSION)



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.	DO NOT APPLY LOAD ON COVER
CAPACITY	400000 lb	
SAFE OVERLOAD	150% of R.O.	
ZERO BALANCE	±1% of R.O.	
EXCITATION (VDC OR VAC)	20 VDC MAX	
BRIDGE RESISTANCE	350 Ω nom.	
NONLINEARITY	±0.2% of R.O.	
HYSTERESIS	±0.2% of R.O.	
NONREPEATABILITY	±0.02% of R.O.	
CREEP	±0.02% of LOAD	
TEMP. SHIFT ZERO	±0.005% of R.O./°F (0.009% of R.O./°C)	
TEMP. SHIFT SPAN	±0.005% of LOAD/°F (0.009% of LOAD/°C)	
COMPENSATED TEMP.	60 to 160°F (15 to 72°C)	
OPERATING TEMP.	-60 to 200°F (-50 to 93°C)	
WEIGHT	95 lb	
MATERIAL	17-4PH S.S.	
CONNECTOR: 6 Pin BENDIX Receptacle	(PT02A-10-6P)	
CALIBRATION (STD)	5 pt. COMPRESSION; 60.4 KΩ SHUNT	
CALIBRATION TEST EXCITATION	10 VDC	

OPTIONS:

- TENSION BASE
- DUAL BRIDGE

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