

FUTEK MODEL LCF701

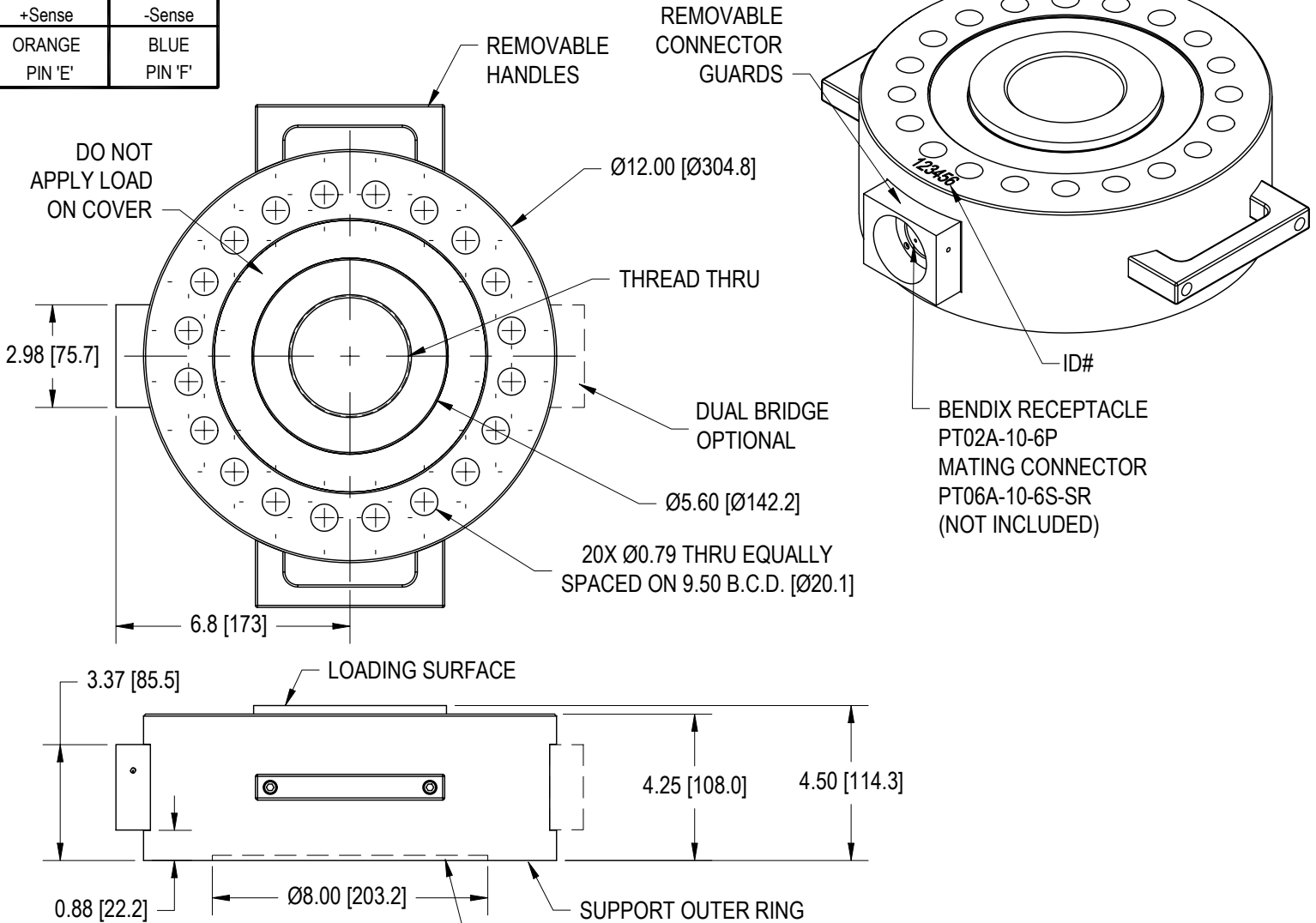
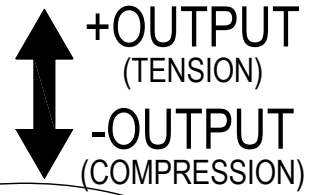
FATIGUE RATED LOW PROFILE UNIVERSAL PANCAKE LOAD CELL

Drawing Number: FI1238-A

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:

RATED OUTPUT	2 mV/V nom.	DO NOT APPLY LOAD ON COVER
CAPACITY	200 Klb [890 kN]	
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	

STOCK NO:	THREAD	DUAL BRIDGE
FSH03049	3 1/2 - 8	
FSH03051		X
FSH03050	M 90 x 3	
FSH03052		X

REFER TO LCF706 FOR TENSION BASE VERSION