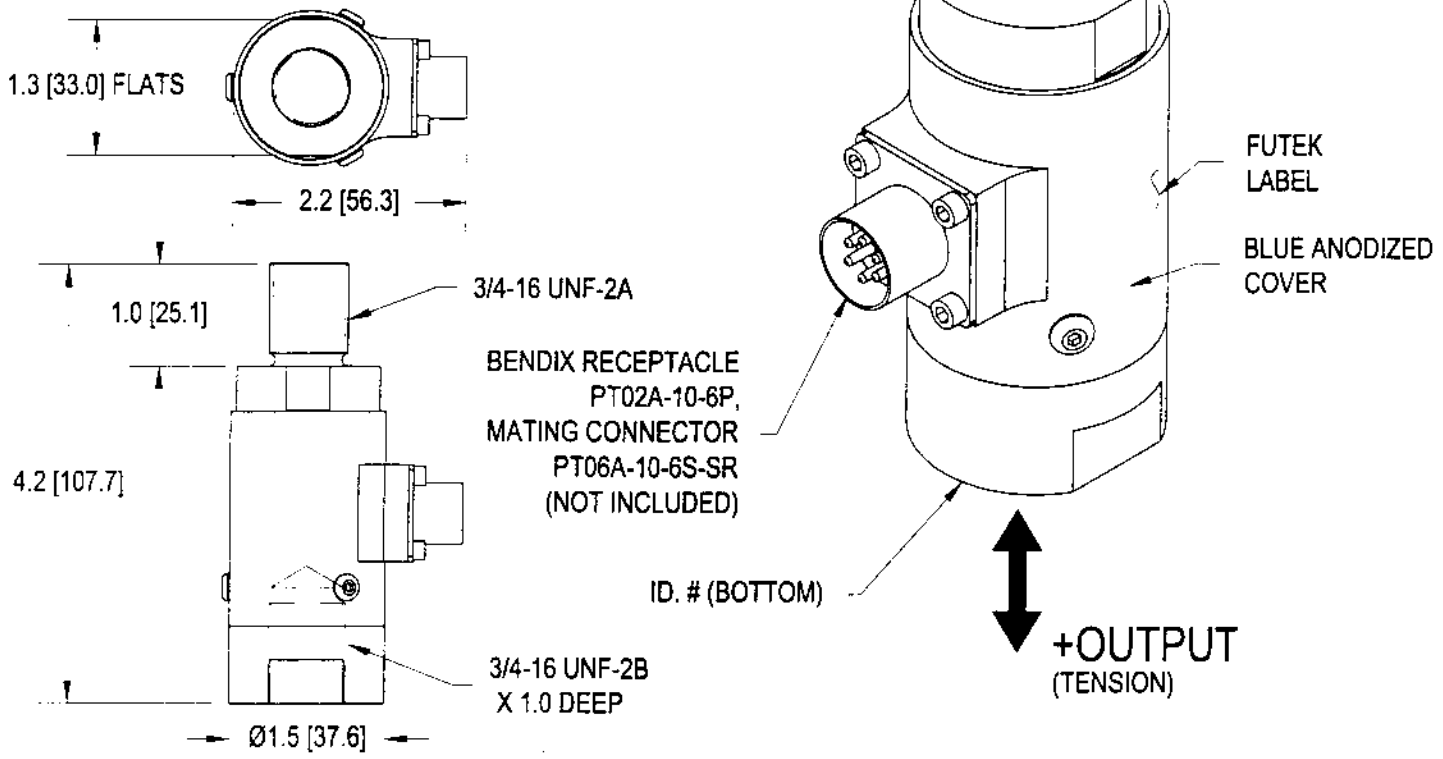
FUTEK MODEL L1658

ROD END TENSION AND COMPRESSION LOAD CELL

** DIRECT REPLACEMENT FOR GSE MODEL 5411*

Drawing Number: F3142	
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'		



SPECIFICATIONS:

RATED OUTPUT	*2 mV/V nom.*
CAPACITY lb	1000, 2000, 3000, 5000, 10000
N	4448, 88966, 13344, 22240, 44480
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±3% of R.O.*
EXCITATION (VDC OR VAC)	*18 MAX*
BRIDGE RESISTANCE	*350 Ω nom.*
NONLINEARITY	*±0.5% of R.O.*
HYSTERESIS	*±0.5% of R.O.*
NONREPEATABILITY	*±0.1% of R.O.*
TEMP. SHIFT ZERO	*±0.005% of R.O./°F [0.01% of R.O./°C]*
TEMP. SHIFT SPAN	*±0.01% of LOAD/°F [0.018% of LOAD/°C]*
COMPENSATED TEMP.	*60 to 160°F [15 to 72°C]*
OPERATING TEMP.	*-60 to 200°F [-50 to 93°C]*
WEIGHT	*20 oz [567 g]*
MATERIAL (FLEXURE) 1-2 Klb	*2024-T4*
MATERIAL (FLEXURE) 3-10 Klb	*17-4PH S.S.*
DEFLECTION	*0.001 [0.03] nom.*

CONNECTOR: BENDIX 6 Pin Receptacle (PT02A-10-6P)

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*5 pt. TENSION; 60K Ω SHUNT CAL. VALUE*
CALIBRATION (AVAILABLE)	*COMPRESSION*
CALIBRATION TEST EXCITATION	*10 VDC*

FUTEK
ADVANCED SENSOR TECHNOLOGY INC.

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