

FUTEK MODEL LCB450 (L1659) *FATIGUE RATED ROD END TENSION AND COMPRESSION LOAD CELL*

Drawing Number: FI1066

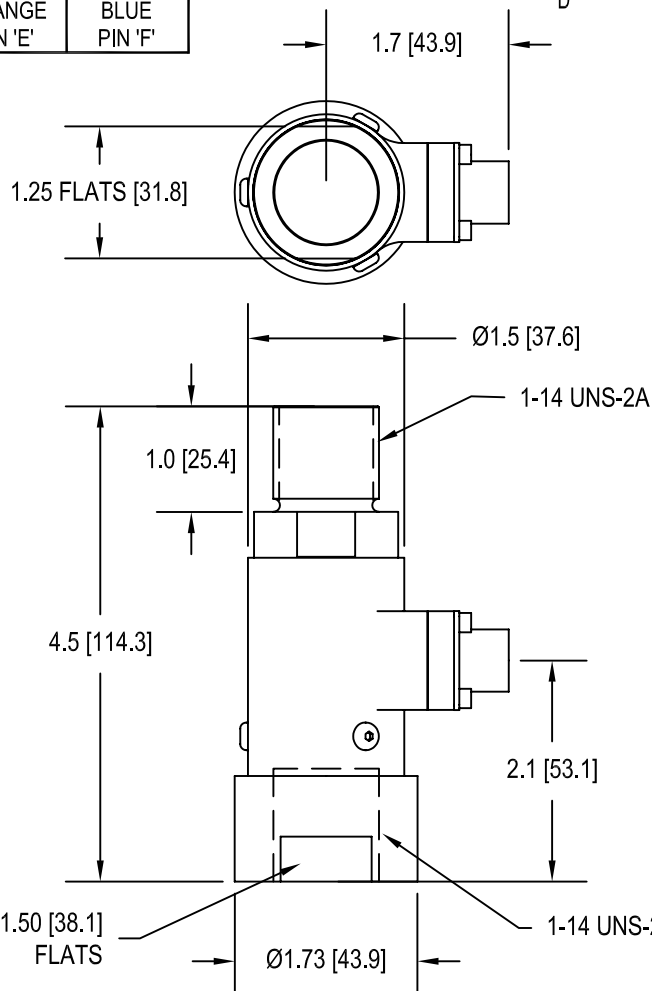
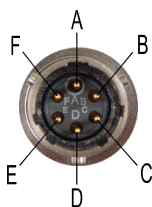
* DIRECT REPLACEMENT FOR GSE MODEL 5421

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'



BENDIX RECEPTACLE
PT02E-10-6P

*MATING RECEPTACLE
PT06A-10-6S-SR
(NOT INCLUDED)



SPECIFICATIONS:

RATED OUTPUT
SAFE OVERLOAD
ZERO BALANCE
EXCITATION (VDC OR VAC)
BRIDGE RESISTANCE
NONLINEARITY
HYSTERESIS
NONREPEATABILITY
TEMP. SHIFT ZERO
COMPENSATED TEMP.
OPERATING TEMP.
WEIGHT
MATERIAL (FLEXURE)
DEFLECTION
CONNECTOR: BENDIX 6 Pin Receptacle (PT02E-10-6P)
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD)
CALIBRATION (AVAILABLE)
CALIBRATION TEST EXCITATION

2 mV/V nom.
300% of R.O.
±3% of R.O.
18 MAX
350 Ω nom.
±0.5% of R.O.
±0.5% of R.O.
±0.1% of R.O.
±0.005% of R.O./°F [0.01% of R.O./°C]
60 to 160°F [15 to 72°C]
-60 to 200°F [-50 to 93°C]
20 oz [567 g]
17-4PH S.S.
0.001 [0.03] nom.
5 pt. TENSION; 60.4 K Ω SHUNT CAL. VALUE
COMPRESSION
10 VDC

CAPACITIES		
STK #	lb	N
FSH00710	5K	22240
FSH00711	10K	44480
FSH00712	20K	88960

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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CAGE CODE # 1X8M6

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