

FUTEK MODEL LCB500 (L2930)

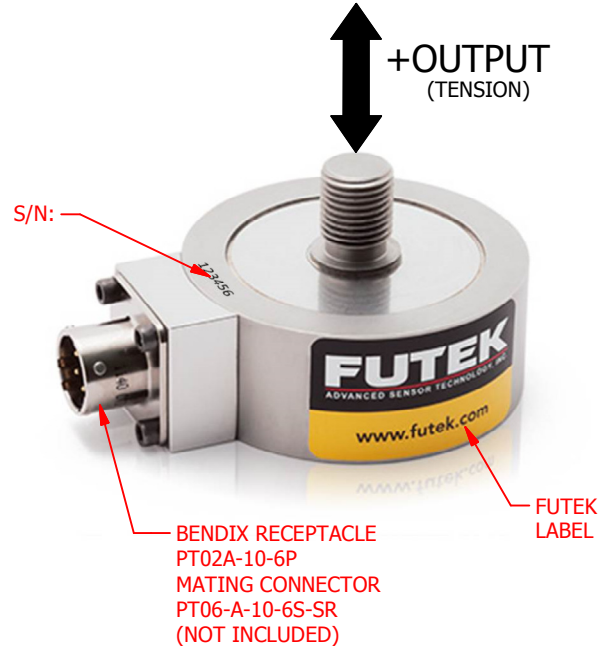
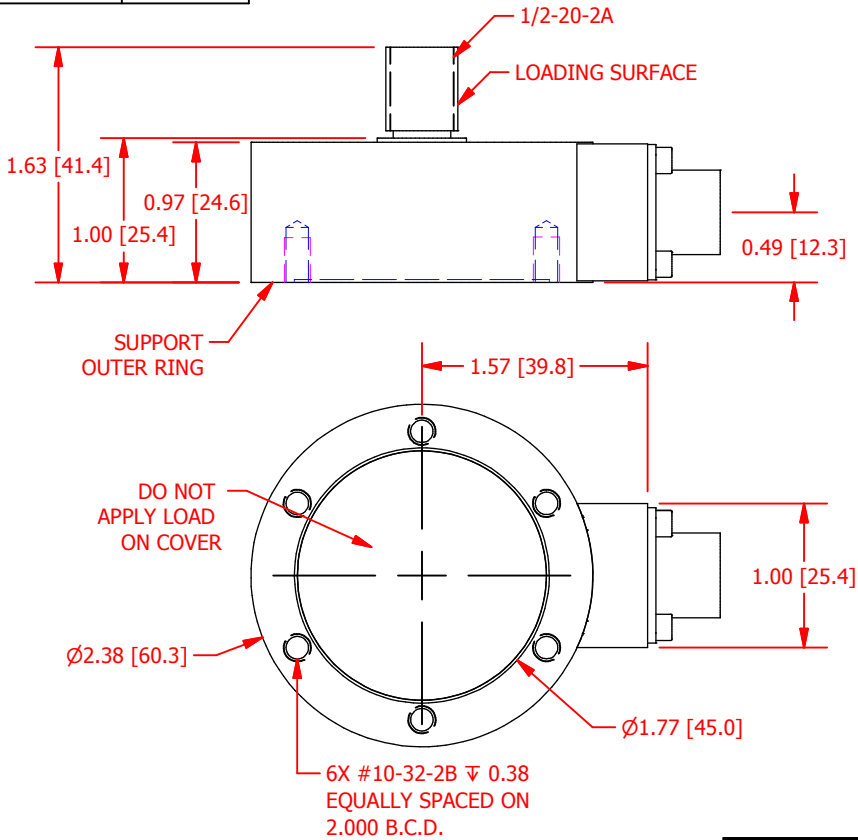
TENSION AND COMPRESSION LOAD CELL DIRECT REPLACEMENT FOR GSE MODEL 5355

DRAWING NUMBER: FI1044-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 ORANGE PIN E	-Sense BLUE PIN F		



SPECIFICATIONS:

RATED OUTPUT	SEE CHART
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	SEE CHART
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom
NONLINEARITY	$\pm 0.25\%$ of R.O.
HYSTERESIS	$\pm 0.25\%$ of R.O.
NONREPEATABILITY	$\pm 0.1\%$ of R.O.
TEMP. SHIFT ZERO	$\pm 0.0025\%$ of R.O./ $^{\circ}$ F [$\pm 0.005\%$ of R.O./ $^{\circ}$ C] ($\pm 0.0045\%$ of R.O./ $^{\circ}$ F [$\pm 0.009\%$ of R.O./ $^{\circ}$ C] for 100, 500, 2000 lb)
TEMP. SHIFT SPAN	$\pm 0.0025\%$ of LOAD/ $^{\circ}$ F [$\pm 0.005\%$ of LOAD/ $^{\circ}$ C] ($\pm 0.0045\%$ of LOAD/ $^{\circ}$ F [$\pm 0.009\%$ of LOAD/ $^{\circ}$ C] for 100, 500, 2000 lb)
COMPENSATED TEMP.	60 to 160 $^{\circ}$ F (16 to 71 $^{\circ}$ C)
OPERATING TEMP.	0 to 200 $^{\circ}$ F (-18 to 93 $^{\circ}$ C)
WEIGHT	approx. 0.86lb [0.39kg]
MATERIAL	STAINLESS STEEL
DEFLECTION	0.002 [0.05] nom.
IP Rating	IP 64
CONNECTOR: 6 Pin BENDIX Receptacle (PT02A-10-6P)	
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	
CALIBRATION (STD)	5 pt. COMPRESSION, SEE CHART FOR SHUNT CAL. VALUE
CALIBRATION (AVAILABLE)	TENSION
CALIBRATION TEST EXCITATION	10 VDC

Item #	Capacity (lb)	Capacity (N)	Output (mV/V)	Zero Balance (% of R.O.)	Shunt (Ω)
FSH03795	100	445	0.75	2	200K
FSH01937	200	890	1.5	1	150K
FSH03796	500	2224	0.75	2	200K
FSH01750	1000	4448	1.5	1	150K
FSH03797	2000	8896	1	2	200K
FSH01752	3000	13340	1.5	1	150K
FSH01753	5000	22241	1.5	1	150K



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