

# FUTEK MODEL LSB302

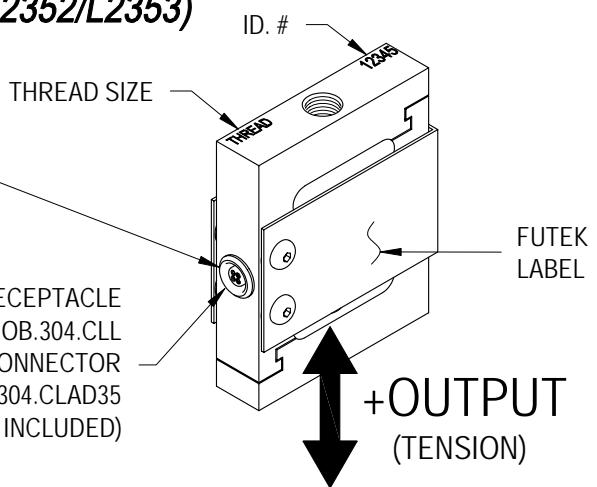
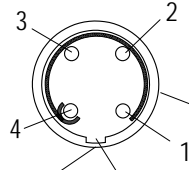
## S-BEAM w/ OVERLOAD PROTECTION IN TENSION AND COMPRESSION (PREVIOUSLY L2352/L2353)

Drawing Number: FI1075-A

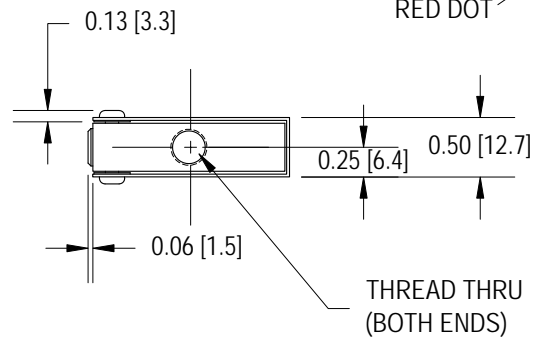
INCH [mm] | R.O.= Rated Output

WIRING CODE (CC4)

+Excitation	-Excitation	+Signal	-Signal
1	4	2	3



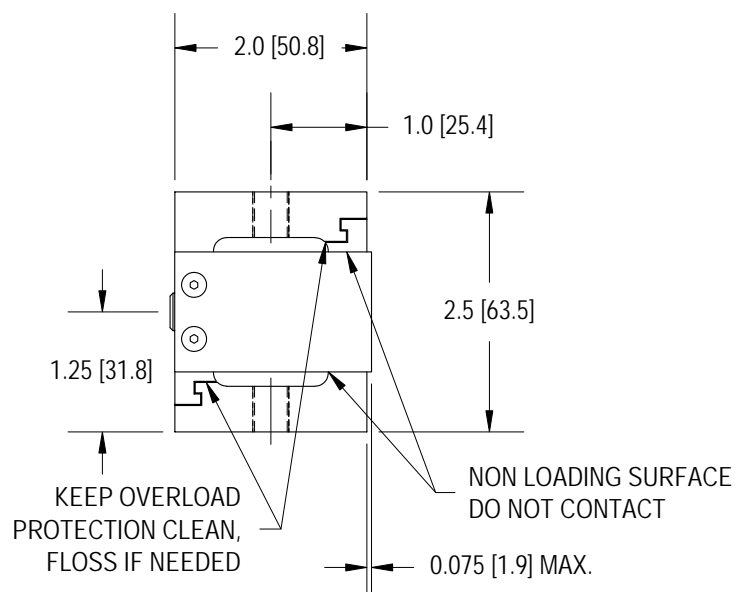
LEMO RECEPTACLE  
EGG.OB.304.CLL  
MATING CONNECTOR  
FGG.OB.304.CLAD35  
(NOT INCLUDED)



#28 AWG, 6 Conductor Polyurethane Cable (5ft) Option

WIRING CODE (WC4)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
+Sense	-Sense	Shield	
ORANGE	BLUE	Grounded	

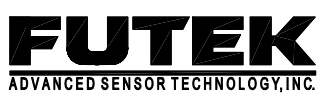
RETRACTIL PVC CABLE AVAILABLE, CONTACT FACTORY



### SPECIFICATIONS:

- RATED OUTPUT** 2 mV/V nom.
- SAFE OVERLOAD** 1000% (25-100 LB), 500% (200-300 LB)
- ZERO BALANCE** ±1% of R.O.
- EXCITATION (VDC OR VAC)** 20 MAX
- BRIDGE RESISTANCE** 1000 Ω nom.
- NONLINEARITY** ±0.05% of R.O.
- HYSTERESIS** ±0.05% of R.O.
- NONREPEATABILITY** ±0.05% of R.O.
- TEMP. SHIFT ZERO** ±0.001% of R.O./°F [0.0018% of R.O./°C]
- TEMP. SHIFT SPAN** ±0.0008% of LOAD/°F [0.0014% of LOAD/°C]
- COMPENSATED TEMP.** 60 to 160°F [15 to 72°C]
- OPERATING TEMP.** -60 to 200°F [-50 to 93°C]
- WEIGHT** 5 oz [142 g]
- MATERIAL** ANODIZED ALUMINUM
- DEFLECTION** 0.010 [0.25] nom.
- CONNECTOR:** 4 Pin LEMO Receptacle (EGG.OB.304.CLL)
- ACCESSORIES AND RELATED INSTRUMENTS**
- CALIBRATION (STD)** 5 pt TENSION; 150K Ω SHUNT CAL. VALUE
- CALIBRATION (AVAILABLE)** COMPRESSION
- CALIBRATION TEST EXCITATION** 10 VDC

STK#	CAPACITY lb	N	THREAD	CONNECTOR	
				LEMO	CABLE
FSH01019	25	111	1/4-28	X	X
FSH02080					
FSH01020					
FSH02085			M6 X 1		X
FSH01476	50	222	1/4-28	X	X
FSH02081					
FSH01022					
FSH02086			M6 X 1		X
FSH01023	100	445	1/4-28	X	X
FSH02082					
FSH01024					
FSH02087			M6 X 1		X
FSH01025	200	890	1/4-28	X	X
FSH02083					
FSH01026					
FSH02088			M10 X 1.5		X
FSH01027	300	1334	1/4-28	X	X
FSH02084					
FSH01028					
FSH02089			M10 X 1.5		X



This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from FUTEK

10 THOMAS  
IRVINE, CA 92618 USA  
1-800-23-FUTEK (38835)

INTERNET:  
<http://www.futek.com>