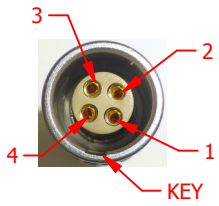
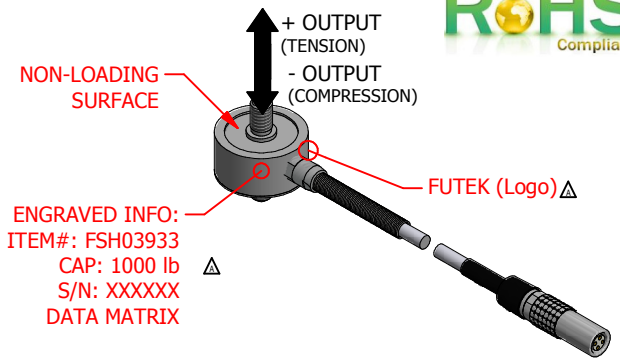
FUTEK MODEL LCM300

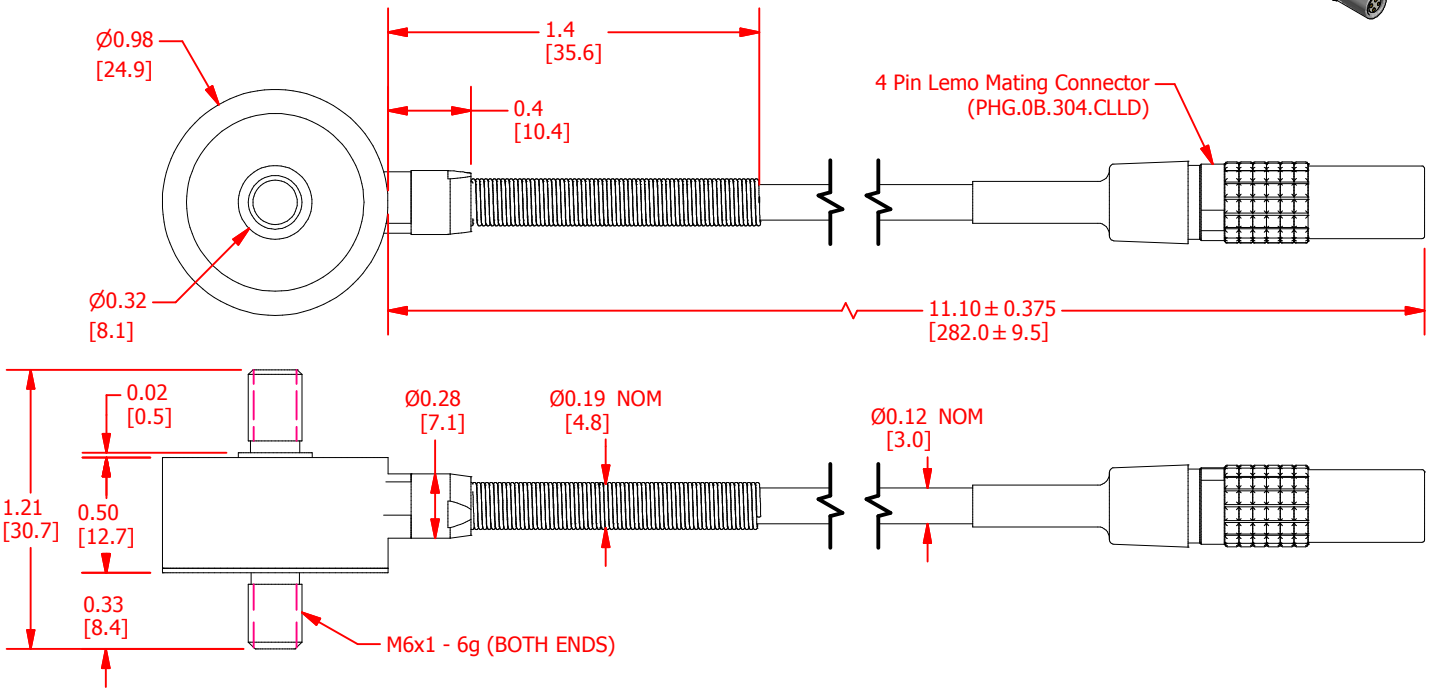
ITEM NUMBER: FSH03933

Tension and Compression Load Cell w/ 4 Pin Lemo

INCH [mm]	R.O.= Rated Output		
CONNECTOR CODE (CC4)			
+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
1	4	2	3
Shield			
FLOATING			







S P E C I F I C A T I O N S :

RATED OUTPUT	2 mV/V nom.
CAPACITY	1000 lb [4.448kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	700 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 (±0.009 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	-45 to 200 °F (-43 to 93 °C)
WEIGHT (approx)	0.3 lb
MATERIAL	17-4ph S.S. Flexure
CABLE: #28 Awg, 4 Conductor Braided Shielded PVC Cable, w/4 Pin Lemo Mating Connector (PHG.0B.304.CLLD)	
COMPLIANCES	RoHS 2011/65/EU

SCIGATE AUTOMATION (S) PTE LTD
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CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A	12/22/2015

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES

DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M

REMOVE BURRS AND BREAK SHARP EDGES .005 - .015

THREADS PER HANDBOOK H-28

DIMENSIONS ARE SHOWN AFTER PLATING

3rd ANGLE PROJ.

ANGLE: ± 1/2°

CHAMFER: ± 5°

TOLERANCE: .X ± 0.1" .XX ± 0.01" .XXX ± 0.005"

FUTEK ADVANCED SENSOR TECHNOLOGY, INC.
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MODEL: LCM300	DWG No.: FO1343-A
DRAWN BY: E. Pano	CREATED DATE: 3/27/2013
APPROVED BY: R. Walker	APPROVED DATE: 4/1/2013
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1