

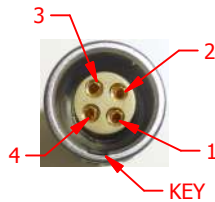
FUTEK MODEL LCM300

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			

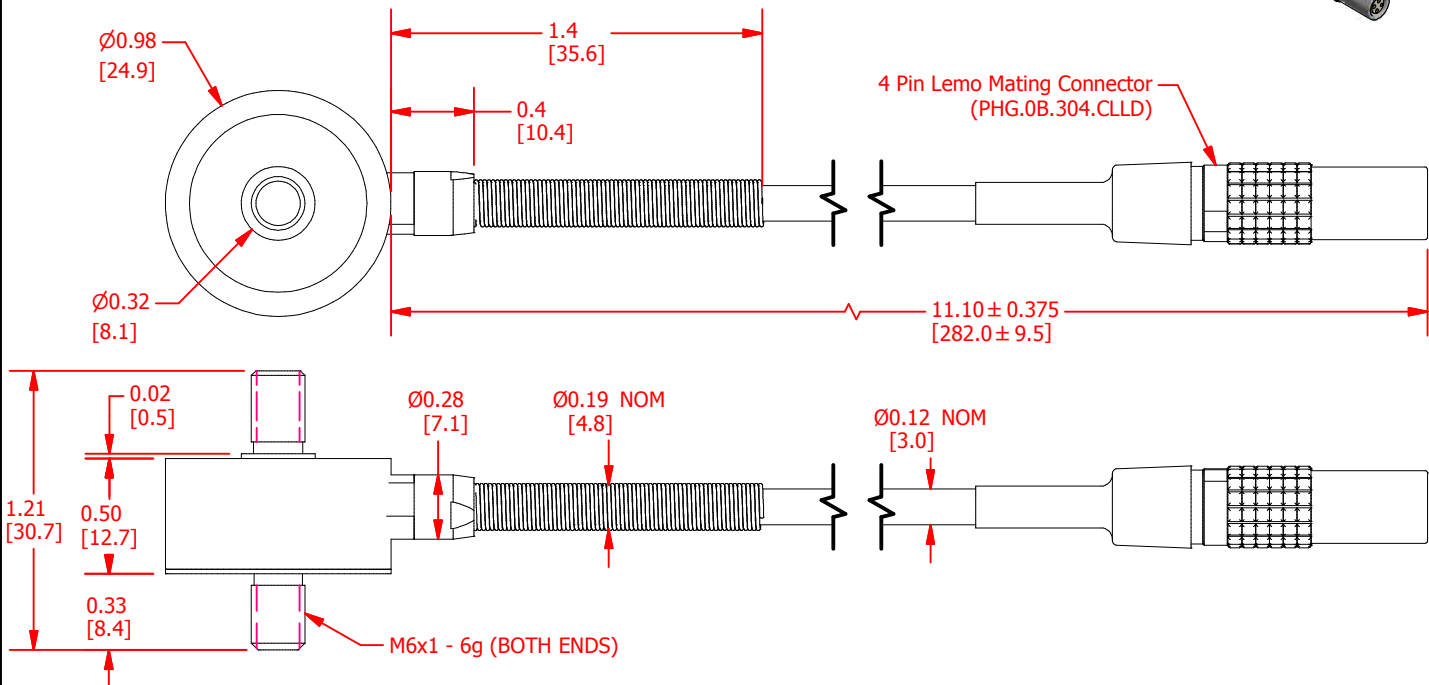


NON-LOADING
SURFACE

ENGRAVED INFO:
ITEM#: FSH03933
CAP: 1000 lb
S/N: XXXXXX
DATA MATRIX

+ OUTPUT
(TENSION)
- OUTPUT
(COMPRESSION)

FUTEK (Logo)



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	1000 lb [4.448 kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	$\pm 3\%$ of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	700 Ω nom
NONLINEARITY	$\pm 0.5\%$ of R.O.
HYSTERESIS	$\pm 0.5\%$ of R.O.
NONREPEATABILITY	$\pm 0.1\%$ of R.O.
TEMP. SHIFT ZERO	$\pm 0.005\%$ of R.O./ $^{\circ}$ F (± 0.009 of R.O./ $^{\circ}$ C)
TEMP. SHIFT SPAN	$\pm 0.02\%$ of LOAD/ $^{\circ}$ F (± 0.036 of LOAD/ $^{\circ}$ C)
COMPENSATED TEMP.	60 to 160 $^{\circ}$ F (16 to 71 $^{\circ}$ C)
OPERATING TEMP	-45 to 200 $^{\circ}$ F (-43 to 93 $^{\circ}$ 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

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A	12/22/2015
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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

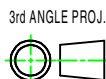
THREADS PER HANDBOOK H-28

DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
 $\pm 1/2^{\circ}$

CHAMFER:
 $\pm 5^{\circ}$

TOLERANCE:
.X $\pm 0.1^{\circ}$
.XX $\pm 0.01^{\circ}$
.XXX $\pm 0.005^{\circ}$



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MODEL: **LCM300**

DRAWN BY: E. Pano

APPROVED BY: R. Walker

CHECKED BY:

DWG No.: **FO1343-A**

CREATED DATE: 3/27/2013

APPROVED DATE: 4/1/2013

CAGE: 1X8M6 SHEET: 1 OF 1