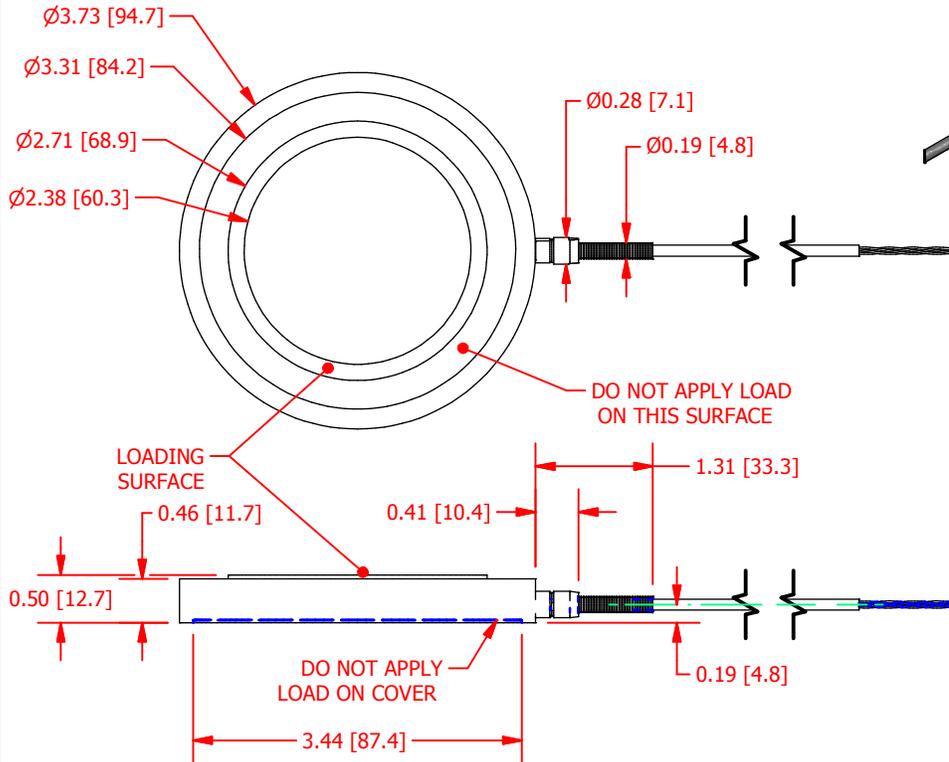
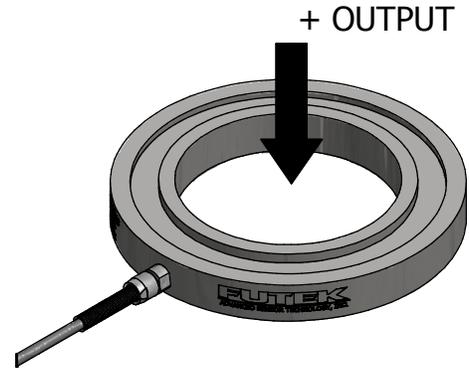


FUTEK MODEL QLA105

LOW PROFILE CUSTOM THRU HOLE DONUT LOAD CELL

ITEM NUMBER: QSH00018

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	5000 lb [22.2 kN]
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±2% of R.O.
HYSTERESIS	±2% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F (±0.036 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	0 to 160 °F (-18 to 71 °C)
WEIGHT (approx)	0.55 lb [249.4 g]
MATERIAL	17-4 PH S.S.
CABLE: #24 Awg 4 Conductor Braided Shielded Teflon Cable, 10 ft [3 m] Long	

CUSTOMER APPROVAL- COMPANY:

OUTLINE DRAWING

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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.
10 THOMAS, IRVINE, CA 92618 USA
Phone: (949) 465-0900
Fax: (949) 465-0905

CUSTOMER APPROVAL- NAME / DATE:

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:
± 1/2°

CHAMFER:
± 5°

3rd ANGLE PROJ.
TOLERANCE:
.X ± 0.1"
.XX ± 0.01"
.XXX ± 0.005"



MODEL: **QLA105**

DWG No.: **FO1400**

DRAWN BY: *E. Pano*

CREATED DATE: 7/21/2015

APPROVED BY: *R. Walker*

APPROVED DATE: 7/22/2015

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1