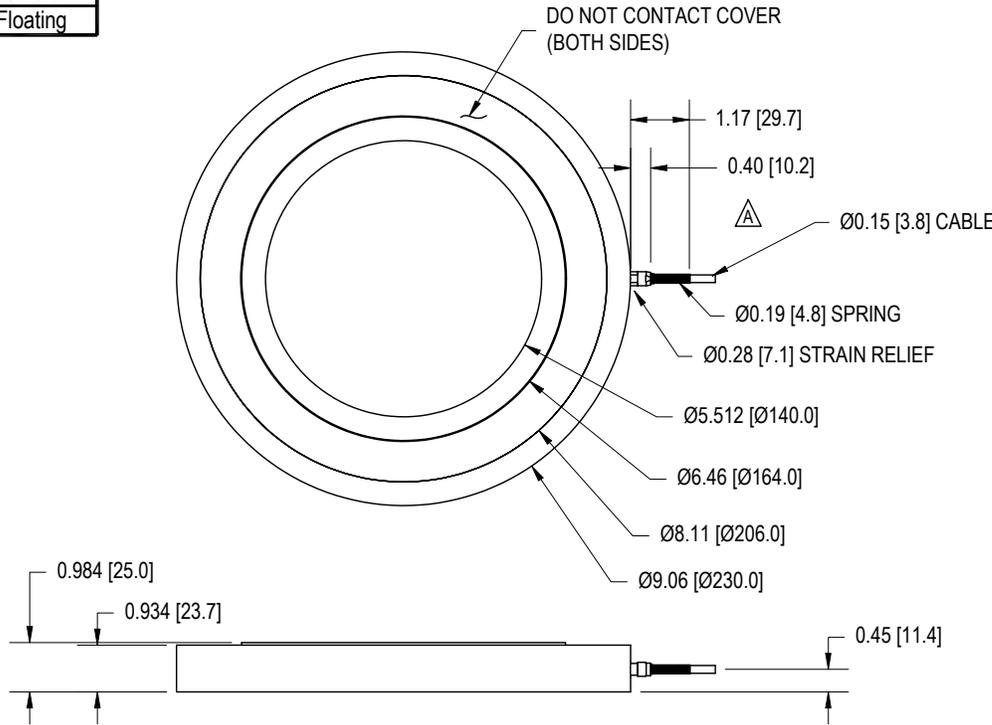
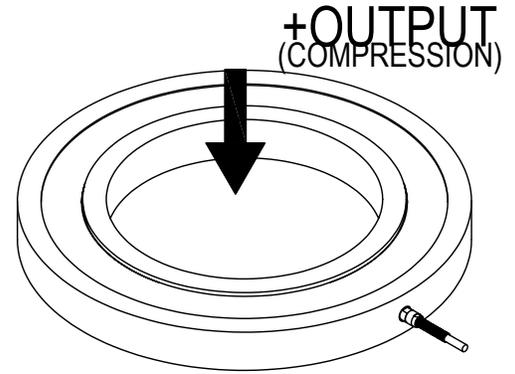


# FUTEK MODEL QLA324

# CUSTOM DONUT LOAD CELL

ITEM NUMBER: QSH01286

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	67000 lb [300 kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	18 max
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.25% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (0.018% of R.O./°C)
TEMP. SHIFT SPAN	±0.005% of LOAD/°F (0.009% of LOAD/°C)
COMPENSATED TEMP.	60 to 160°F (15 to 71°C)
OPERATING TEMP.	-40 to 180°F (-40 to 82°C)
WEIGHT	approx 8 lb
MATERIAL	17-4ph S.S.

▲ CABLE: 24 Awg, 4 Conductor Braided Shielded Teflon cable, 20 ft Long

CUSTOMER APPROVAL-COMPANY
CUSTOMER APPROVAL-NAME /DATE
REVISIONS: (Refer to dwg # revision sheet)
▲ 7-06-09

## 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

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**  
ADVANCED SENSOR TECHNOLOGY, INC.

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CAGE: 1X8M6

MODEL: QLA324

DRAWN BY: R. Walker

APPROVED BY: -

DWG No.: FO1246-A

CHECKED BY: J. VARGAS

DATE: june 26, 2009