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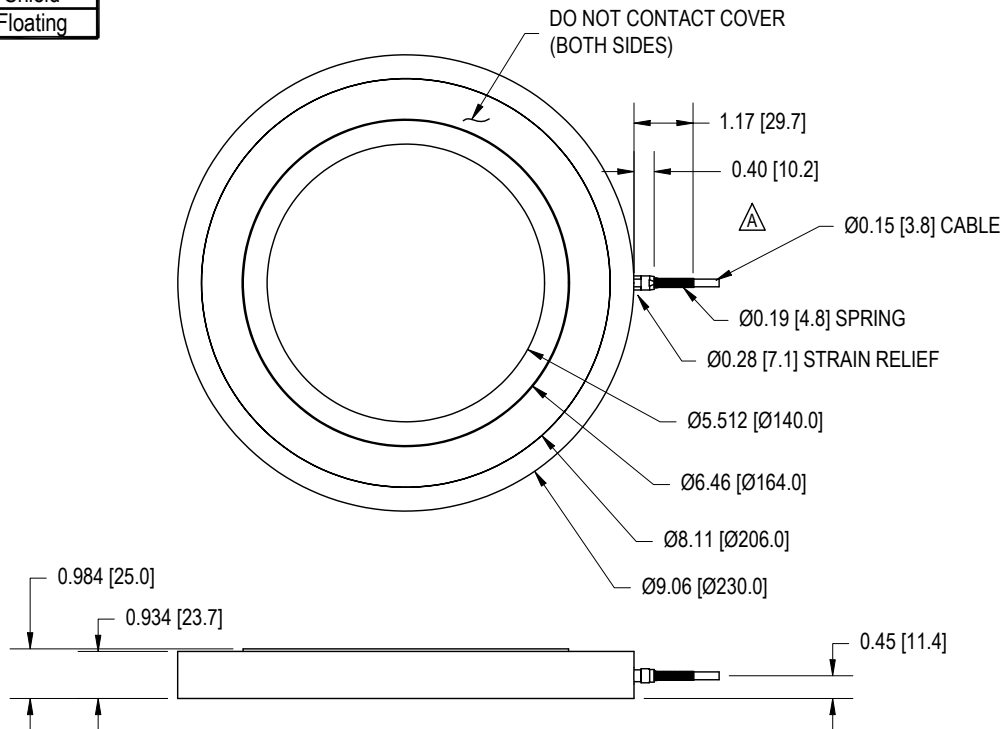
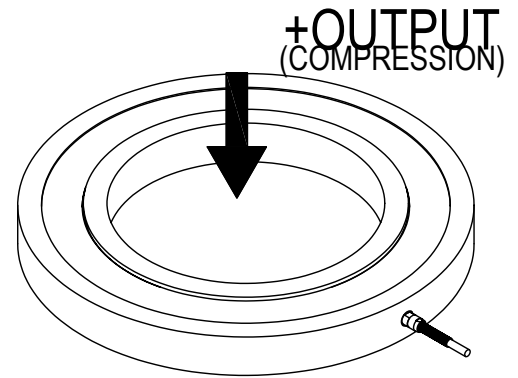
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FUTEK MODEL QLA324

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

ANGLE: ±1/2°
 CHAMFER: ±5°
 TOLERANCE:
 .X ±0.1
 .XX ±0.01
 .XXX ±0.005

3rd ANGLE PROJ.

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FUTEK

CAGE: 1X8M6	MODEL: QLA324	DWG No.: FO1246-A
DRAWN BY: R. Walker	CHECKED BY: J. VARGAS	
APPROVED BY: -	DATE: june 26, 2009	