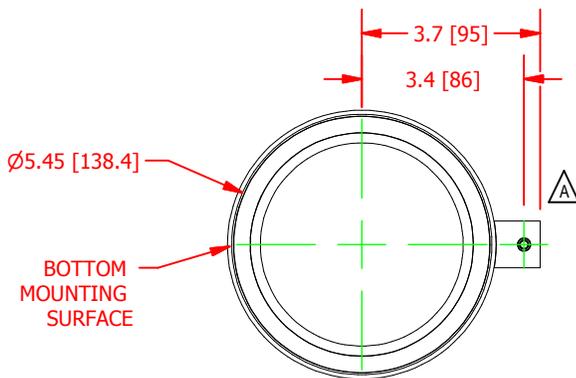
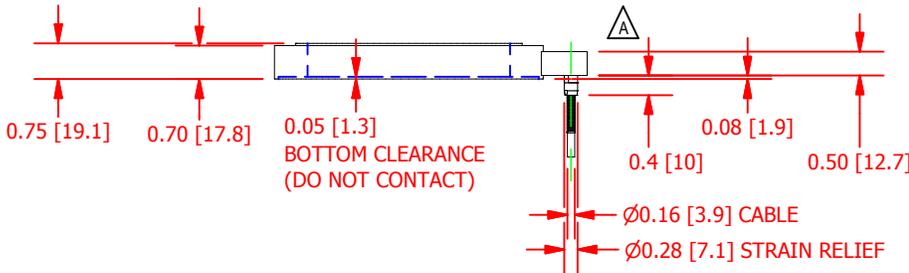
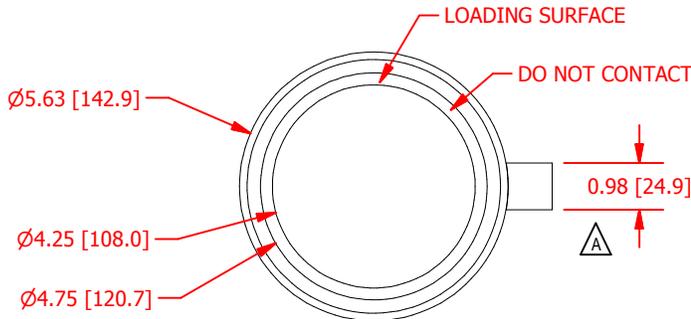
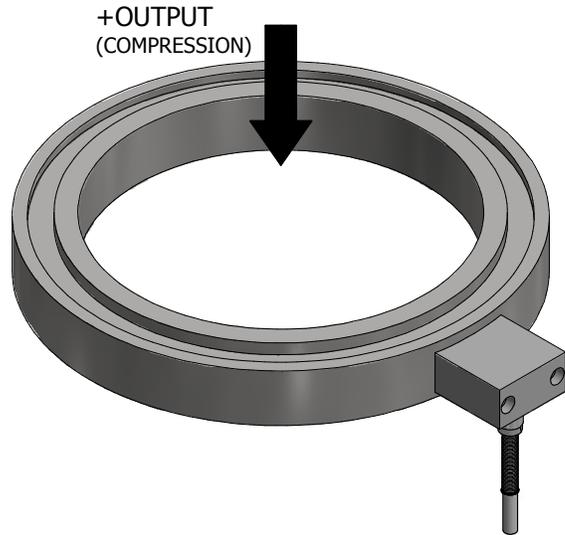


FUTEK MODEL QLA371

CUSTOM DONUT / THRU HOLE LOAD CELL

ITEM NUMBER: QSH00659

INCH [mm]		R.O. = Rated Output	
WIRING CODE (W C 1)			
+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			



SPECIFICATIONS:

RATED OUTPUT	1.5 mV/V nom.
CAPACITY	5000 lb [22.24kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±5% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom
NONLINEARITY	±1% of R.O.
HYSTERESIS	±1% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 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	-40 to 200 °F (-40 to 93 °C)
WEIGHT (approx)	1.5 lb
MATERIAL	Stainless Steel
CABLE: 24 Awg, 4 Conductor Braided Shielded Teflon Cable, 10 ft [3 m] Long	

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A	4/8/2013
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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:
± 1/2°

CHAMFER:
± 5°

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



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MODEL: QLA371	DWG No.: FO1342-A
DRAWN BY: R. Walker	CREATED DATE: 3/25/2013
APPROVED BY: _____	APPROVED DATE: _____
CHECKED BY: E. Mokheri	CAGE: 1X8M6 SHEET: 1 OF 1