

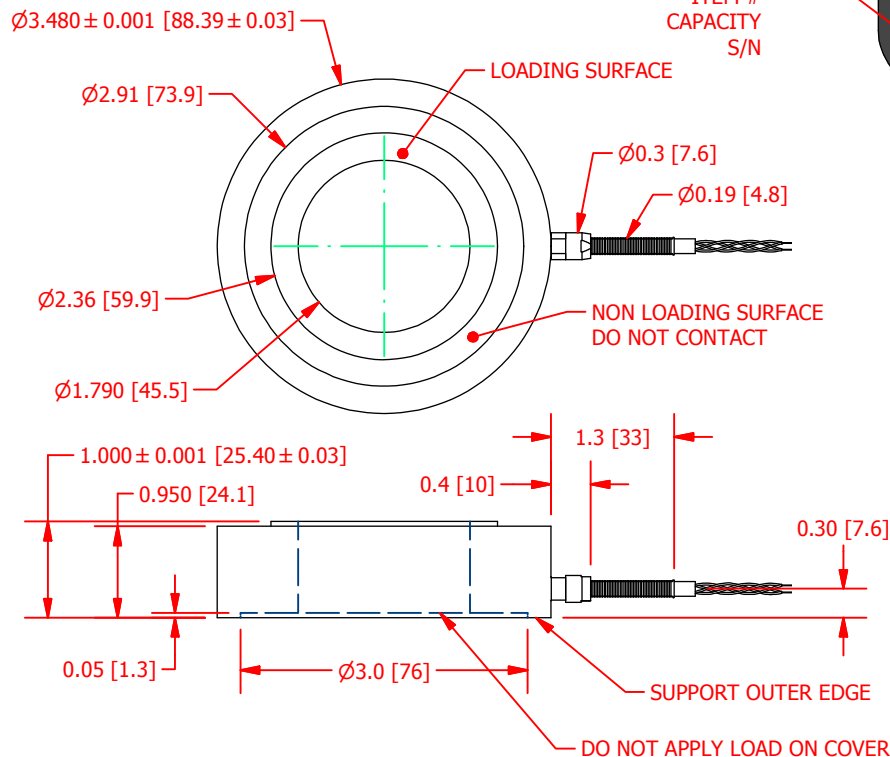
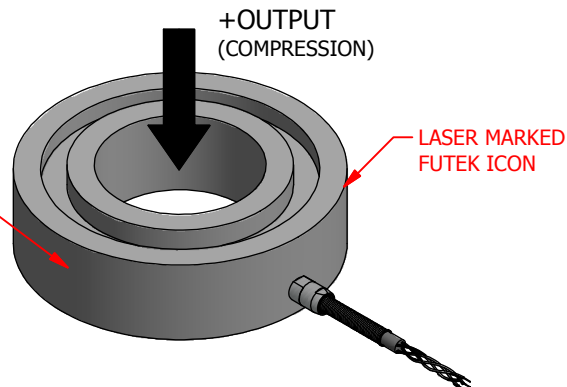
FUTEK MODEL QLA106

DONUT / THROUGH HOLE LOAD CELL

ITEM NUMBER: QSH01925



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



SPECIFICATIONS:

RATED OUTPUT	2 mV/V +/-1%.
CAPACITY	30000 lb. [133200N]
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% 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	-60 to 200 °F (-51 to 93 °C)
WEIGHT (approx)	1.5 lb [680.3 g]
MATERIAL	17-4 PH S.S.
DEFLECTION	0.0005 [0.013] nom.
CABLE: #24 Awg 4 Conductor Braided Shielded Cable, 10 ft [1.5 m] Long	
CE COMPLIANCE	2011/65/EU

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CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A	7-6-17
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OUTLINE DRAWING

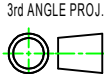
STANDARD NOTES: (Unless Otherwise Specified)

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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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

MODEL: QLA106	DWG No.: FO1226-A
DRAWN BY: T. LEE	CREATED DATE: 10/10/2008
APPROVED BY: R. WALKER	APPROVED DATE: 10/10/2008
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1