

FUTEK MODEL QLA293

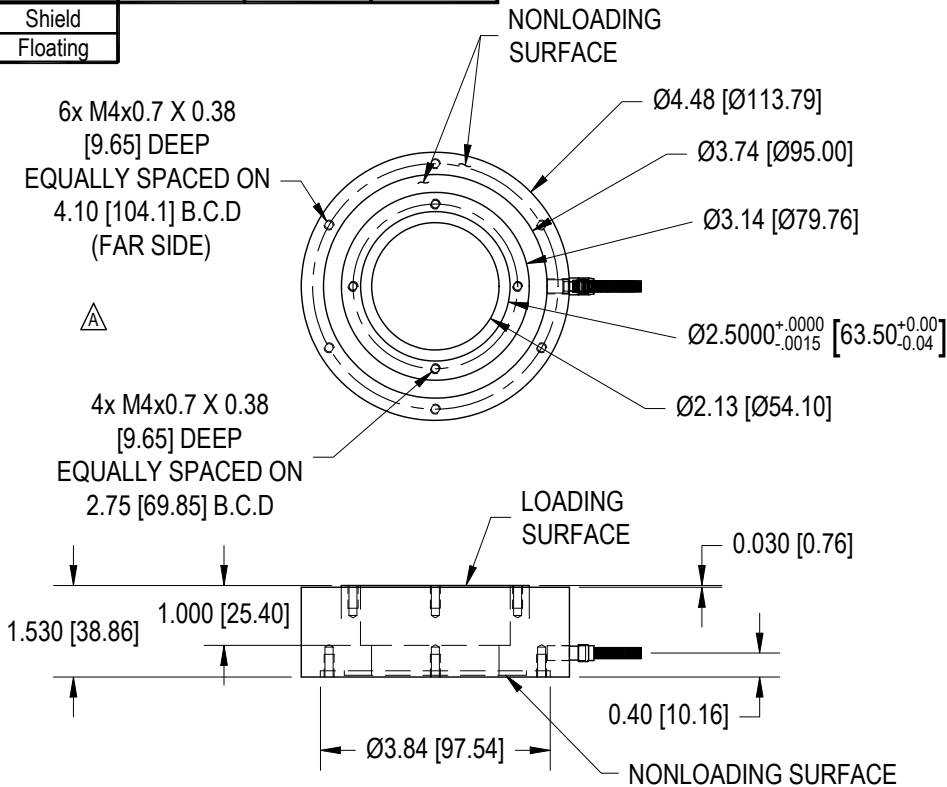
Custom Donut Load Cell

STOCK NUMBER: QSH01038

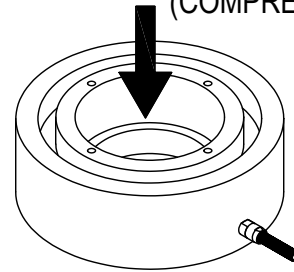
INCH (mm) | R.O.= Rated Output

WIRING CODE

+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
Floating			



+OUTPUT
(COMPRESSION)



SPECIFICATIONS:

RATED OUTPUT	1.5 mV/V nom.
CAPACITY	20000 lbs
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% 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.	-26 to 126°F (-32 to 52°C)
OPERATING TEMP.	-40 to 185°F (-40 to 85°C)
WEIGHT	approx 7.5 lb
MATERIAL	17-4ph S.S.
CABLE: 24 AWG, 4 Conductor Braided Shielded Teflon Cable, 5 ft [1.5m] long	

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MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

△ 12-5-07

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

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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

CAGE: 1X8M6

MODEL: **QLA293**

DWG No.: **FO1201**

DRAWN BY: R. WALKER

CHECKED BY: J. VARGAS

APPROVED BY: —

DATE: **Nov 27, 2007**