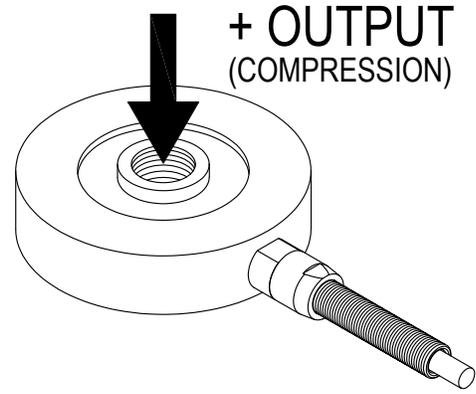
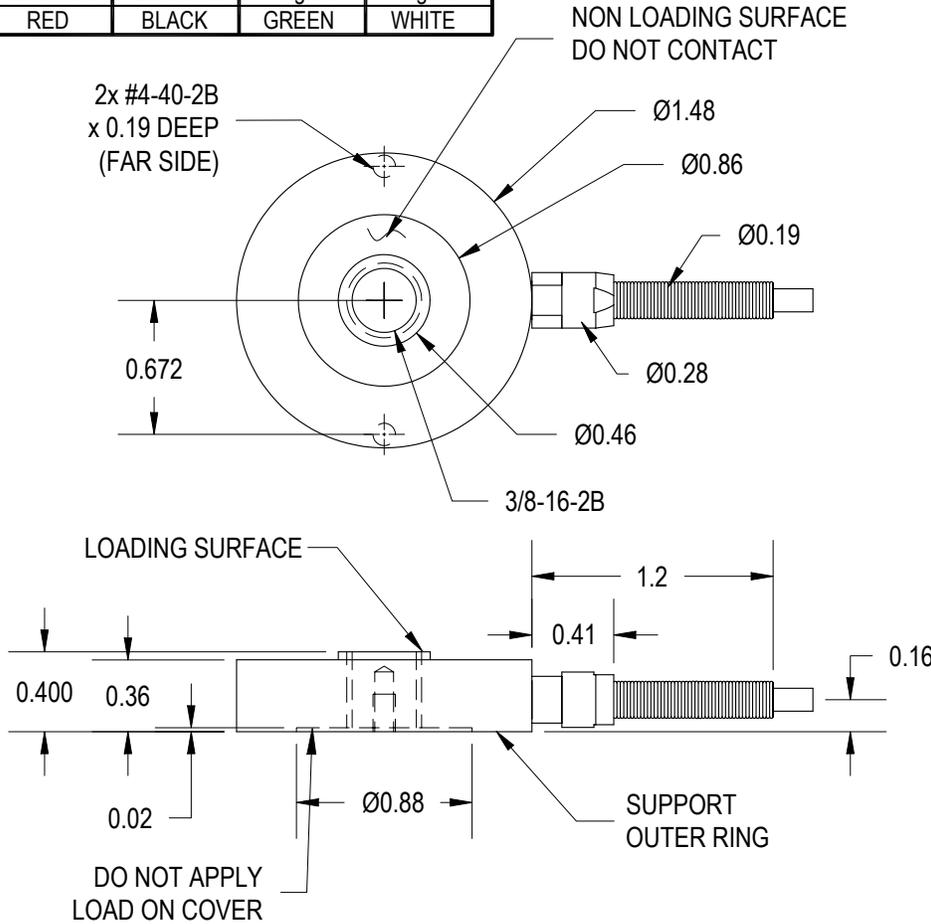


FUTEK MODEL QLA116 Donut Load Cell w/ #4-40 mounting holes

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

WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	300 lb
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% 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	±0.01% of R.O./°F
TEMP. SHIFT SPAN	±0.02% of LOAD/°F
COMPENSATED TEMP.	60 to 160°F
OPERATING TEMP.	-60 to 200°F
WEIGHT	2.5 oz
MATERIAL	STAINLESS STEEL
CABLE: 26 AWG, 4 Conductor Braided Shielded Teflon Cable, 5 ft Long	

NOTE:

WHILE TORQUING BOLTS, HIGH TENSION FORCES WILL OCCUR DURING INSTALLATION, WHICH COULD RESULT IN OVERLOADING THE SENSOR. FUTEK RECOMMENDS CONNECTING SENSOR TO A SYSTEM IN ORDER TO MONITOR THE APPLIED FORCES. FUTEK IS NOT LIABLE OR RESPONSIBLE FOR THE MISHANDLING OF THE SENSOR DURING INSTALLATION.

MATERIAL:

—

HEAT TREATMENT - FINISH:

—

REVISIONS: (Refer to dwg # revision sheet)

△ -

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

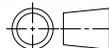
- ALL DIMENSIONS ARE IN INCHES
- DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
- REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
- THREADS PER HANDBOOK H-28
- DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
±1/2°

CHAMFER:
±5°

TOLERANCE:
.XX ±.01
.XXX ±.005

3rd ANGLE PROJ.



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.

10 THOMAS
IRVINE, CA 92618 USA
Phone: (949) 465-0900
Fax: (949) 465-0905

CAGE: 1X8M6

MODEL: **QLA116**

DRAWN BY: R. WALKER

APPROVED BY: J. MOKHBERY

DWG No.: **F4700**

CHECKED BY: XXXXX

DATE: **June 1, 2003**