

FUTEK MODEL QLA359

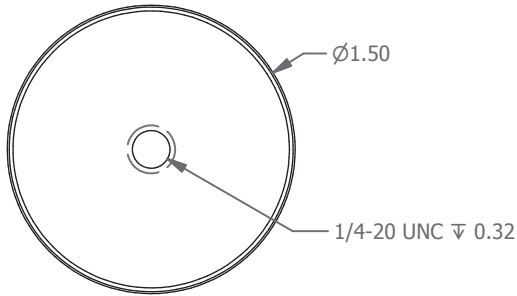
Custom Side Force Load Cell

ITEM NUMBER: QSH01765

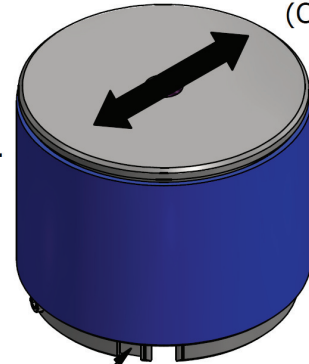
INCH [mm] | R.O.= Rated Output

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

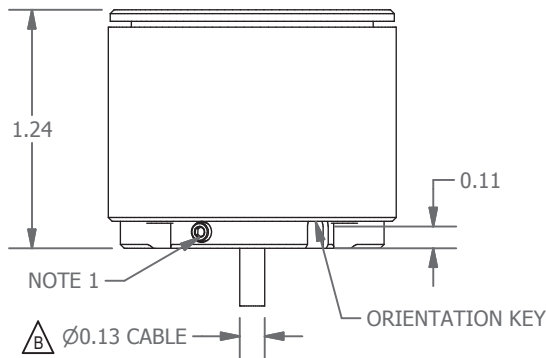
-OUTPUT
(COMPRESSION)



+OUTPUT
(TENSION)

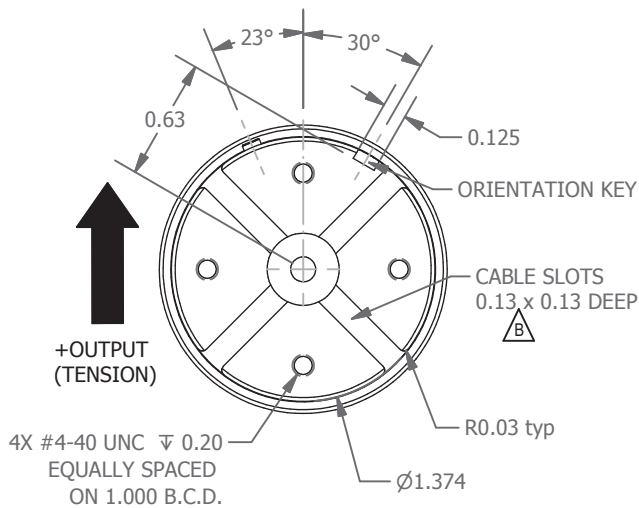


ORIENTATION KEY



SPECIFICATIONS:

RATED OUTPUT	1.5 mV/V
CAPACITY	15 lb
SAFE OVERLOAD	30 lb
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	2000 Ω nom
NONLINEARITY	±0.1% of R.O.
HYSTERESIS	±0.1% of R.O.
NONREPEATABILITY	±0.05% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.01% of LOAD/°F (±0.018 of LOAD/°C)
COMPENSATED TEMP.	32 to 160 °F (0 to 71°C)
OPERATING TEMP	-40 to 200 °F (-40 to 93°C)
MATERIAL	Aluminum, Blue Anodized Cover
CABLE: 28 AWG, 4 Conductor Braided Shielded PVC Cable, 3 ft Long	



NOTES:

1) DO NOT REMOVE COVER R

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sensori & trasduttori

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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

OUTLINE DRAWING

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:

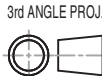
MODEL: QLA359	DWG No.: F01320-B
DRAWN BY: <i>M. Kolahdooz</i>	CREATED DATE: <i>7/7/2012</i>
APPROVED BY: <i>R. Walker</i>	APPROVED DATE: <i>7/7/2012</i>
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1

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.

REVISIONS: (Refer to dwg # revision sheet)

A	8/03/2012
B	10/20/2014

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE: