

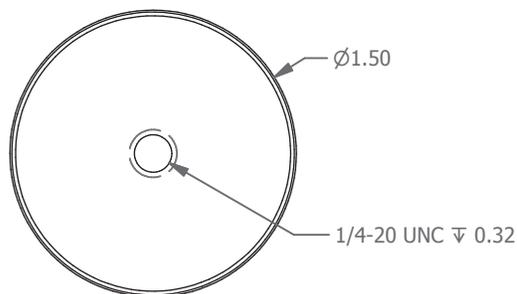
# FUTEK MODEL QLA359

## Custom Side Force Load Cell

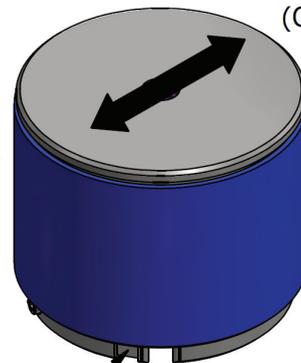
ITEM NUMBER: QSH01765

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

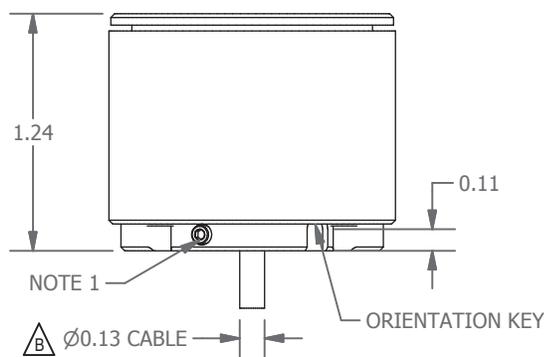
-OUTPUT  
(COMPRESSION)



+OUTPUT  
(TENSION)

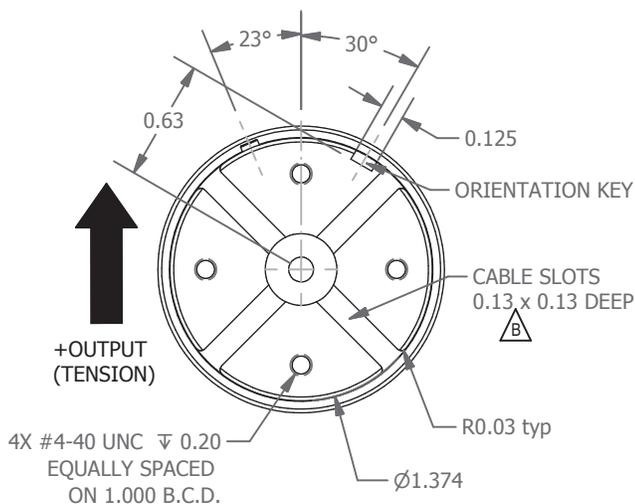


ORIENTATION KEY



### 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 RETAINING SCREW.

CUSTOMER APPROVAL- COMPANY:		<h1>OUTLINE DRAWING</h1>	<p><i>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:</i></p> <p><b>FUTEK</b> ADVANCED SENSOR TECHNOLOGY, INC. 10 THOMAS, IRVINE, CA 92618 USA Phone: (949) 465-0900 Fax: (949) 465-0905</p>
CUSTOMER APPROVAL- NAME / DATE:			
REVISIONS: (Refer to dwg # revision sheet)		STANDARD NOTES: (Unless Otherwise Specified)	MODEL: <b>QLA359</b> DWG No.: <b>FO1320-B</b>
A	8/03/2012	ALL DIMENSIONS ARE IN INCHES	DRAWN BY: <i>M. Kolahdooz</i> CREATED DATE: 7/7/2012
B	10/20/2014	DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M	APPROVED BY: <i>R. Walker</i> APPROVED DATE: 7/7/2012
		REMOVE BURRS AND BREAK SHARP EDGES .005 - .015	CHECKED BY:
		THREADS PER HANDBOOK H-28	CAGE: 1X8M6 SHEET: 1 OF 1
		DIMENSIONS ARE SHOWN AFTER PLATING	
		3rd ANGLE PROJ.	
		ANGLE: ± 1/2"	
		CHAMFER: ± 5"	
		<p>ANGLE: ± 1/2"</p> <p>CHAMFER: ± 5"</p> <p>           TOLERANCE:            .X ± 0.1"            .XX ± 0.01"            .XXX ± 0.005"         </p>	