

FUTEK MODEL QLA359

Custom Side Force Load Cell

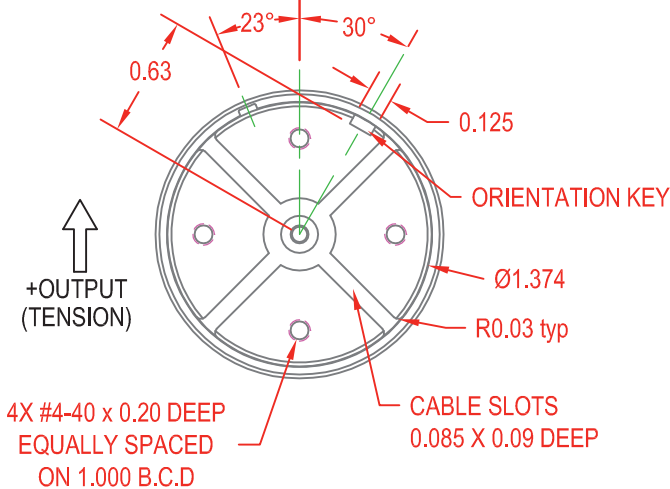
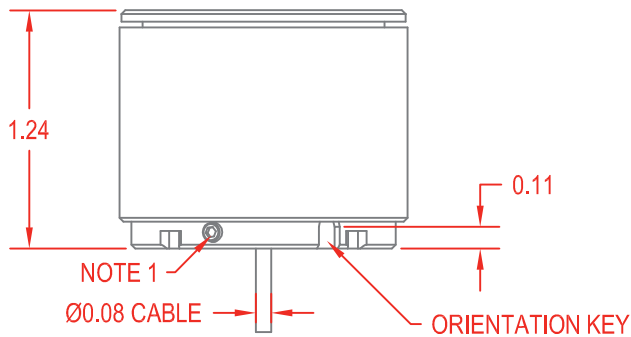
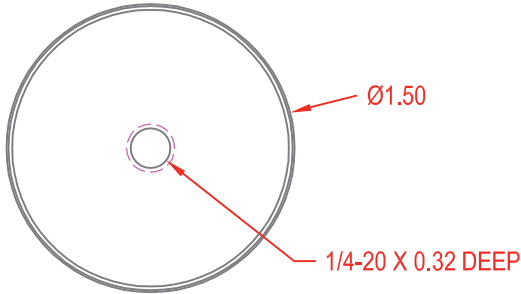
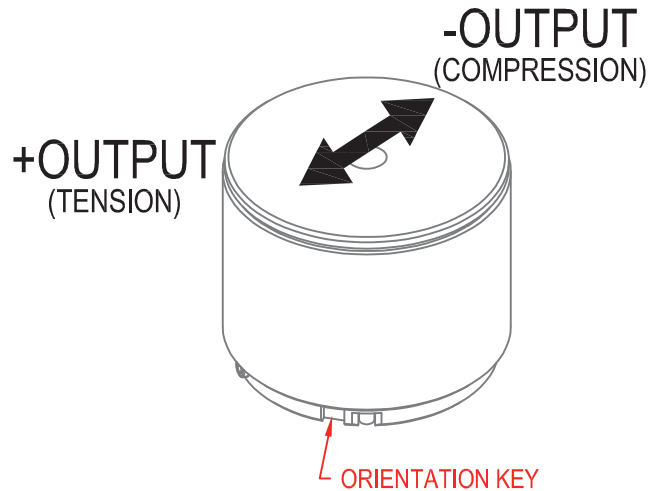
ITEM NUMBER: QSH01608

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

WIRING CODE

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

Shield
Floating



SPECIFICATIONS:

RATED OUTPUT	1.5 mV/V nom.
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	29 AWG, 4 Conductor Spiral Shielded Silicone Cable, 3 ft Long

NOTES:

- DO NOT REMOVE COVER RETAINING SCREW

CUSTOMER APPROVAL-COMPANY

CUSTOMER APPROVAL-NAME /DATE

REVISIONS: (Refer to dwg # revision sheet)

8-03-2012

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

3rd ANGLE PROJ.



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CAGE: 1X8M6

MODEL: QLA359

DRAWN BY: M. Kolahdooz

APPROVED BY: R. Walker

DWG No.: FO1320-A

CHECKED BY:

DATE: July 7, 2012