

FUTEK MODEL QLA429

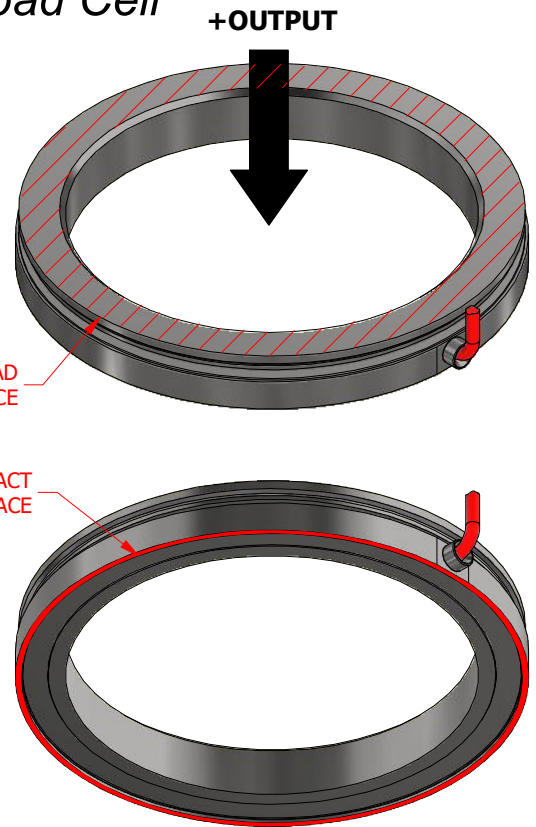
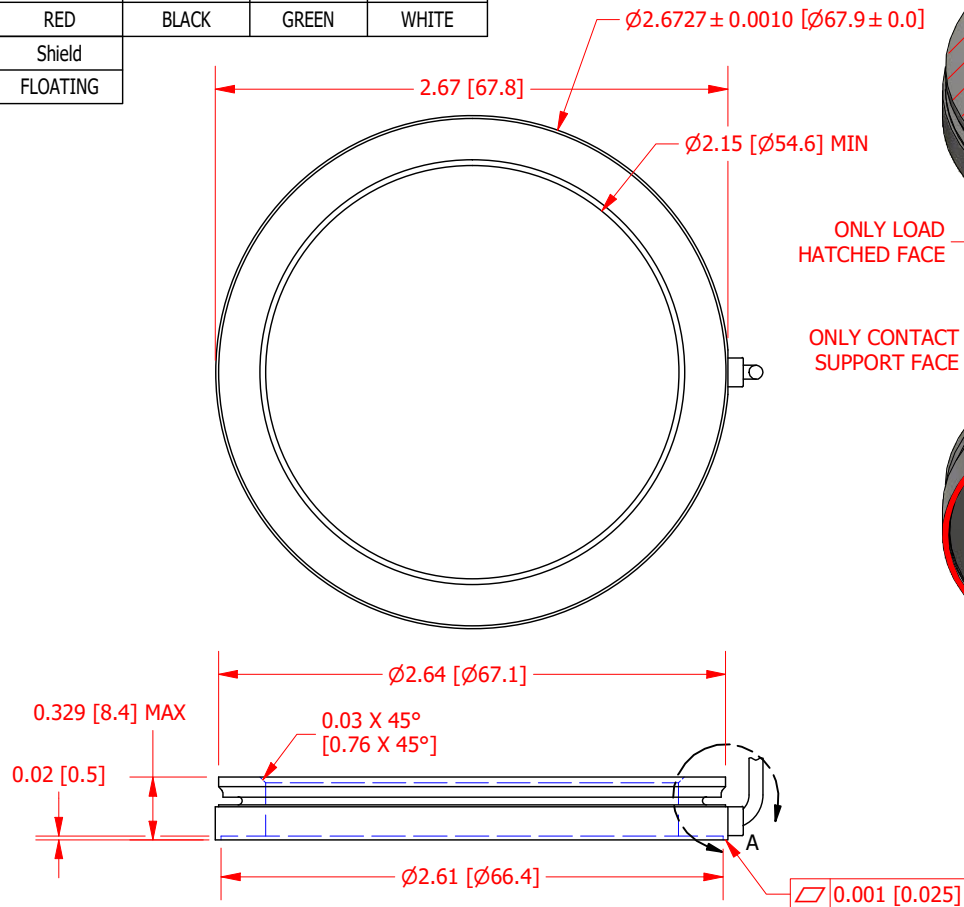
ITEM NUMBER: QSH02262

Custom Ultra High Aspect Ratio Thru Hole/Donut Load Cell

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

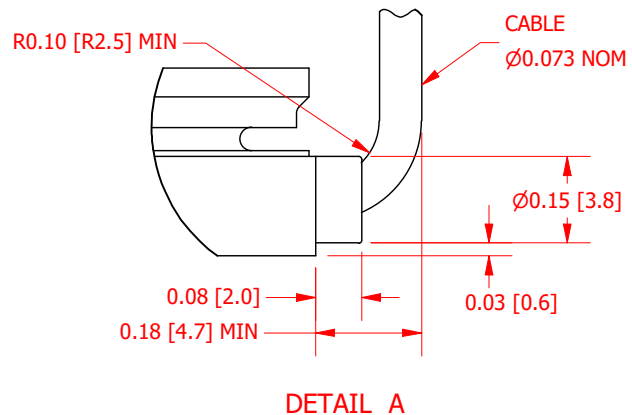
WIRING CODE

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



SPECIFICATIONS:

RATED OUTPUT	0.8 mV/V nom.
CAPACITY	5000 lb. [22200N]
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±5% of R.O.
EXCITATION (VDC OR VAC)	10 MAX
BRIDGE RESISTANCE	2000 Ω nom.
NONLINEARITY	±5% of R.O.
HYSTERESIS	±5% of R.O.
NONREPEATABILITY	±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.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	-60 to 200 °F (-51 to 93 °C)
WEIGHT (approx)	0.13 lb [60 g]
MATERIAL	17-4 PH Stainless Steel
DEFLECTION	0.001" [0.0254 mm] max
CABLE: #29 Awg 4 Conductor Spiral Shielded Teflon Cable, 10 ft [3 m] Long	
IP6X Resistance Against Kerosene, 30 to 130 psia	



CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

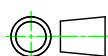
REVISIONS: (Refer to dwg # revision sheet)

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5
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.
10 THOMAS, IRVINE, CA 92618 USA
Phone: (949) 465-0900

MODEL: QLA429	DWG No.: FO1583-0
DRAWN BY: S. MICHEL	CREATED DATE: 1/21/2022
APPROVED BY: R. WALKER	APPROVED DATE: 1/24/2022
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1