

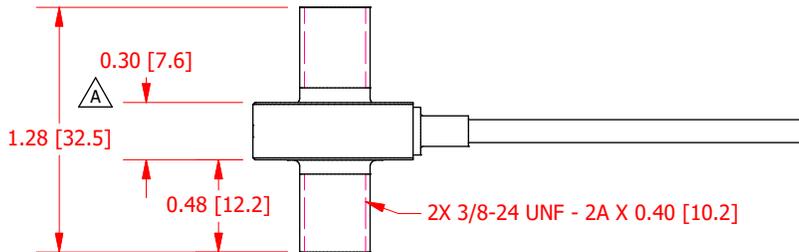
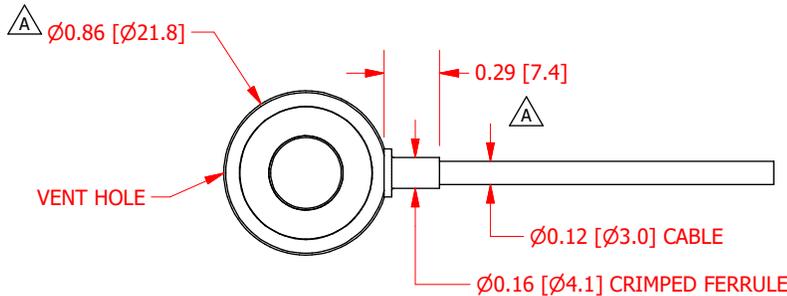
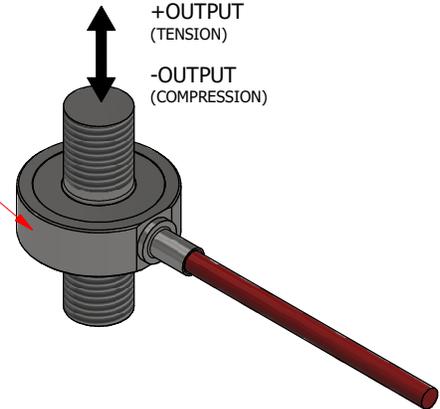
FUTEK MODEL QLA422

Custom Ultra Light Miniature Universal,
Vacuum / Radiation Environment

ITEM NUMBER: QSH02163

INCH [mm]		R.O.= Rated Output		
WIRING CODE (WC1)				
+ Excitation	- Excitation	+Signal	-Signal	Shield
RED	BLACK	GREEN	WHITE	FLOATING

LASER MARKED
ITEM #, S/N#,
FUTEK ICON, CAPACITY



SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom.
CAPACITY	1000 lb. [4440N]
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±5% of R.O.
EXCITATION (VDC OR VAC)	10 MAX
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	-58 to 284 °F (-50 to 140 °C)
OPERATING TEMP	-58 to 284 °F (-50 to 140 °C)
WEIGHT (approx)	0.07 lb [31.7 g]
MATERIAL	15-5 PH S.S. SENSOR BODY
DEFLECTION	0.0005 [0.013] nom.
$\triangle A$ CABLE: #26 Awg 4 Conductor Braided Shielded Red FEP Teflon Cable, 10 ft [3 m] Long	
GAMMA RADIATION	<10,000 RADS
VACUUM	<2E-12 torr

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

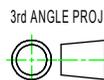
REVISIONS: (Refer to dwg # revision sheet)

A	7-27-2020
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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



ANGLE:
± 1/2°

CHAMFER:
± 5°

TOLERANCE:
.X ± 0.1"
.XX ± 0.01"
.XXX ± 0.005"

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MODEL: QLA422	DWG No.: FO1542-A
DRAWN BY: R. WALKER	CREATED DATE: 7/17/2020
APPROVED BY: S. MICHEL	APPROVED DATE: 7/20/2020
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1