

FUTEK MODEL QMA116

STOCK NUMBER: QSH01122

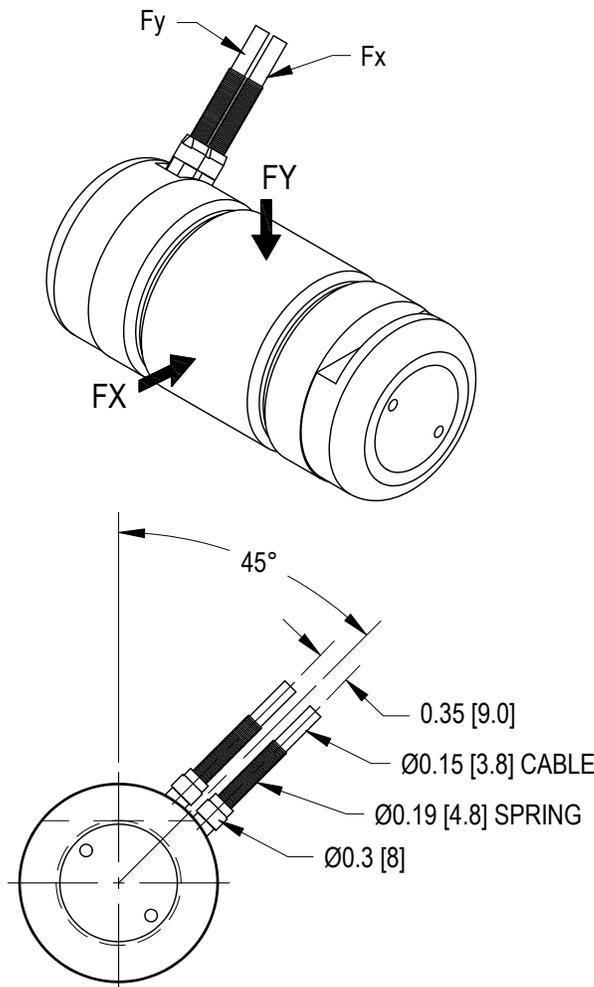
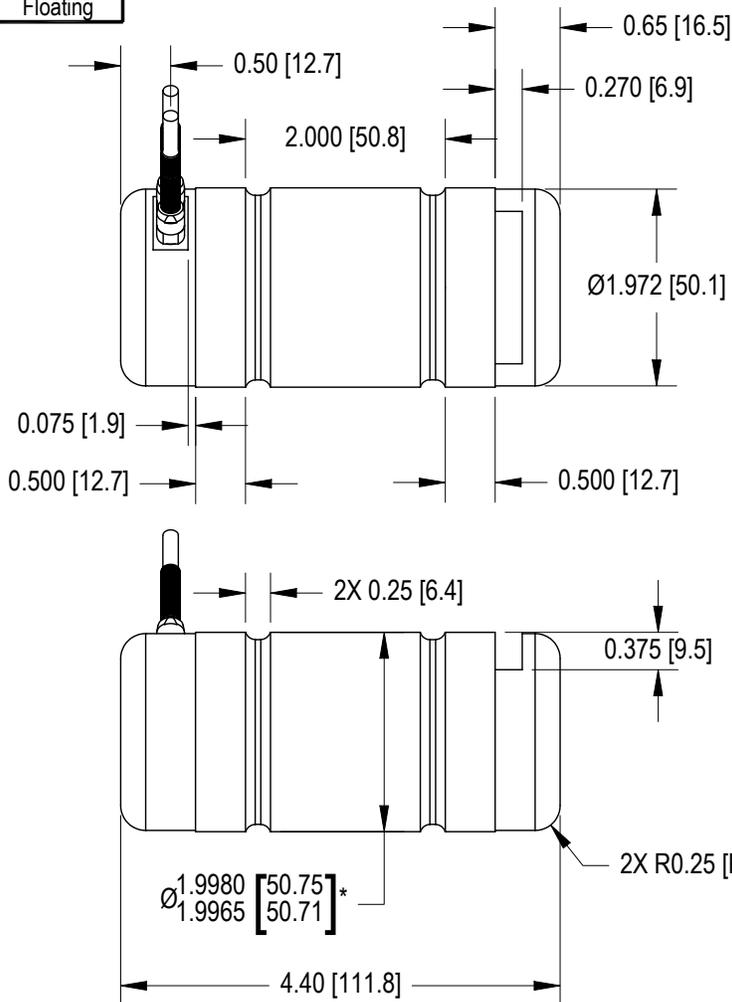
Custom 2 Axis Shear Pin

INCH (mm) | R.O.= Rated Output

WIRING CODE (WC 1)

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

Shield
Floating



*LOAD BEARING SECTIONS ONLY

SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY F_x, F_y	56000 lb [249 KN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±2% of R.O.
HYSTERESIS	±2% of R.O.
NONREPEATABILITY	±0.25% of R.O.
CROSS TALK	±5% 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.	60 to 160°F (15 to 71°C)
OPERATING TEMP.	-40 to 200°F (-40 to 93°C)
WEIGHT	approx 3 lb
MATERIAL	17-4ph S.S.
CABLE: 2x 24 AWG, 4 Conductor Braided Shielded PVC Cable 10 ft [3m] Long	

MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

⚠ 5-27-08

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

3rd ANGLE PROJ.



ANGLE:

±1/2°

CHAMFER:

±5°

TOLERANCE:

.X ±0.1

.XX ±0.01

.XXX ±0.005

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CAGE: 1X8M6

MODEL: QMA116

DRAWN BY: R. WALKER

APPROVED BY: —

DWG No.: FO1214-A

CHECKED BY: J. VARGAS

DATE: May 24, 2008