

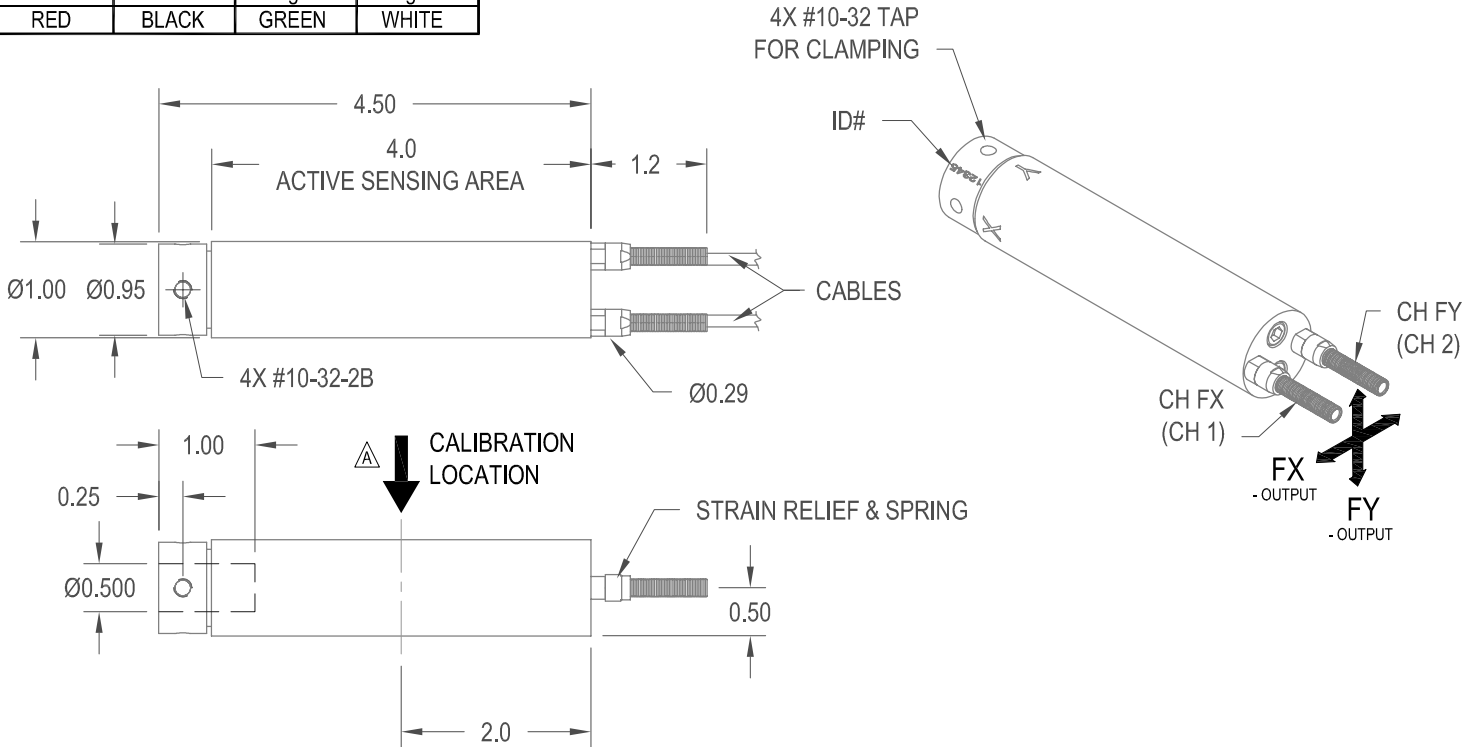
# FUTEK MODEL QMA101

STK# QSH00079

# BI AXIAL HANDLE LOAD CELL

(Previously L1070-Q11971)

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



## SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom.
CAPACITY (Fx, Fy)	200 lb
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±4% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±1% of R.O.
NONREPEATABILITY	±0.25% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F
COMPENSATED TEMP.	60 to 160°F
OPERATING TEMP.	0 to 160°F
MATERIAL	STAINLESS STEEL
CABLE: 2x 28 AWG, 4 Conductor Braided Shielded PVC Cable, 10 ft Long	

## NOTES:

- 1) SINCE CABLE EXIT IS ON THE LIVE END OF THE SENSOR, CABLES SHOULD BE KEPT LOOSE TO MINIMIZE SENSOR ERROR

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MATERIAL: —	<h1>OUTLINE DRAWING</h1>	<p>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:</p> <p><b>FUTEK</b> ADVANCED SENSOR TECHNOLOGY, INC. 10 THOMAS IRVINE, CA 92618 USA Phone: (949) 465-0900 Fax: (949) 465-0905</p>
HEAT TREATMENT - FINISH: —		
REVISIONS: (Refer to dwg # revision sheet)	STANDARD NOTES: (Unless Otherwise Specified)	<b>CAGE: 1X8M6</b>
△ 11-11-05	<ul style="list-style-type: none"> <li>· ALL DIMENSIONS ARE IN INCHES</li> <li>· DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M</li> <li>· REMOVE BURRS AND BREAK SHARP EDGES .005 - .015</li> <li>· THREADS PER HANDBOOK H-28</li> <li>· DIMENSIONS ARE SHOWN AFTER PLATING</li> </ul> <p>3rd ANGLE PROJ.</p>	<p>MODEL: <b>QMA101</b> DWG No.: <b>FO1072</b></p> <p>DRAWN BY: R. WALKER CHECKED BY: XXXXX</p> <p>APPROVED BY: J. MOKHBERY DATE: <b>DEC. 14, 2004</b></p>
	<p>ANGLE: ±1/2°</p> <p>CHAMFER: ±5°</p> <p>TOLERANCE: .XX ±.01 .XXX ±.005</p>	