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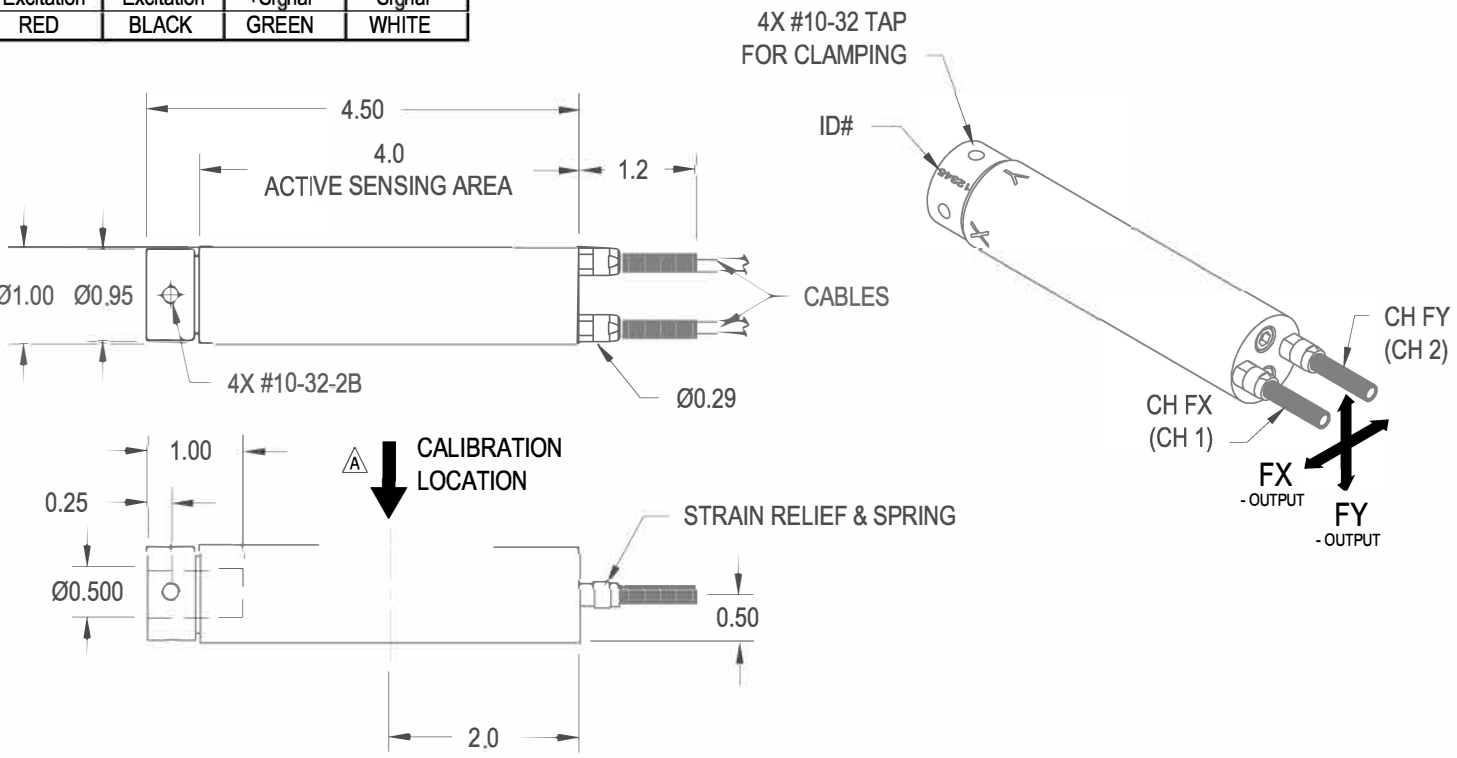
FUTEK MODEL QMA101

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



NOTES:

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

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

MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

A 11-11-05

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: .XX ±.01 .XXX ±.005

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CAGE: 1X8M6

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MODEL: QMA101	DWG No.: FO1072
DRAWN BY: R. WALKER	CHECKED BY: XXXXX
APPROVED BY: J. MOKHBERY	DATE: DEC. 14, 2004