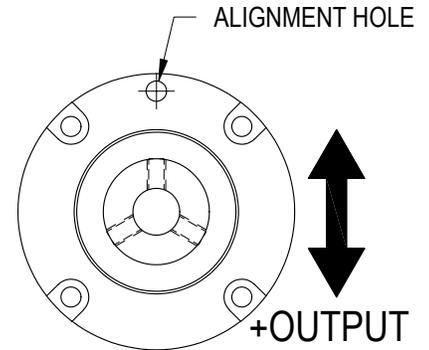
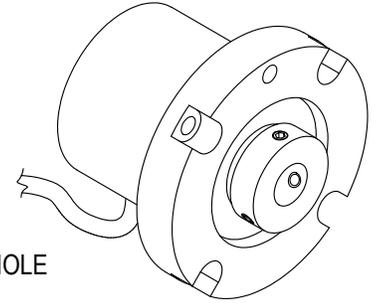
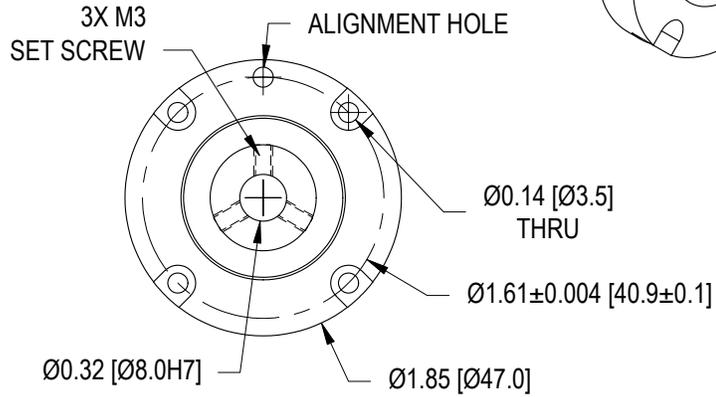
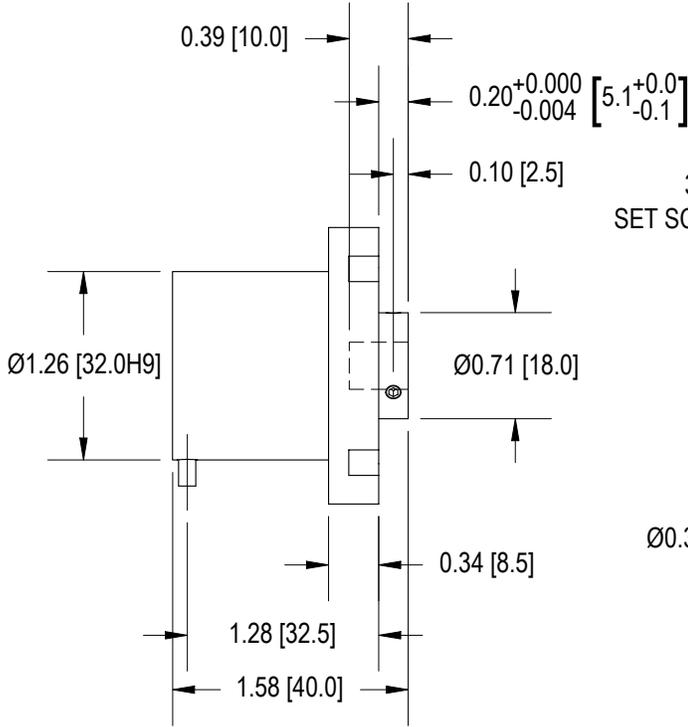


FUTEK MODEL QLA132 Custom Wire Tension Load Cell

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



SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom.
CAPACITY	1/2 lb (2.5 N), 5 lb (20 N), 11 LB (100 N)
SAFE OVERLOAD	500% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	1000Ω nom
NONLINEARITY	±0.3% of R.O.
HYSTERESIS	±0.3% of R.O.
NONREPEATABILITY	±0.3% of R.O.
TEMP. SHIFT ZERO	△ ±0.005% of R.O./°F (0.01% 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.	32 to 140°F (0 to 50°C)
MATERIAL	ALUMINUM
CABLE: 28 AWG, 4 Conductor Braided Shielded PVC Cable, 12 in [305] Long	

NEWTON	Fn
2.5	300 Hz
20	1K Hz
100	1.6K Hz

MATERIAL:

—

HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

△ 5-27-04

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

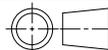
- ALL DIMENSIONS ARE IN INCHES
- DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
- REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
- THREADS PER HANDBOOK H-28
- DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
±1/2°

CHAMFER:
±5°

TOLERANCE:
.XX ±.01
.XXX ±.005

3rd ANGLE PROJ.



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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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IRVINE, CA 92618 USA
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CAGE: 1X8M6

MODEL: **QLA132**

DWG No.: **FO1007**

DRAWN BY: R. WALKER

CHECKED BY: XXXXX

APPROVED BY: J. MOKHBERY

DATE: **July 23, 2003**