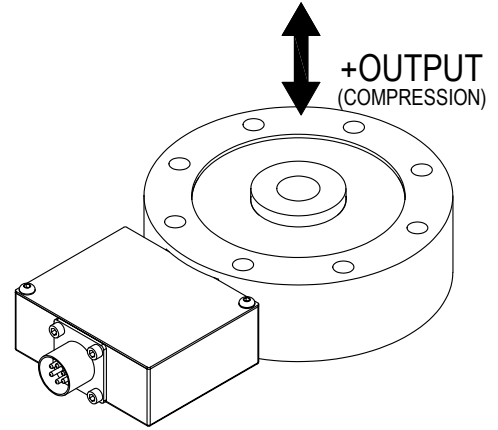
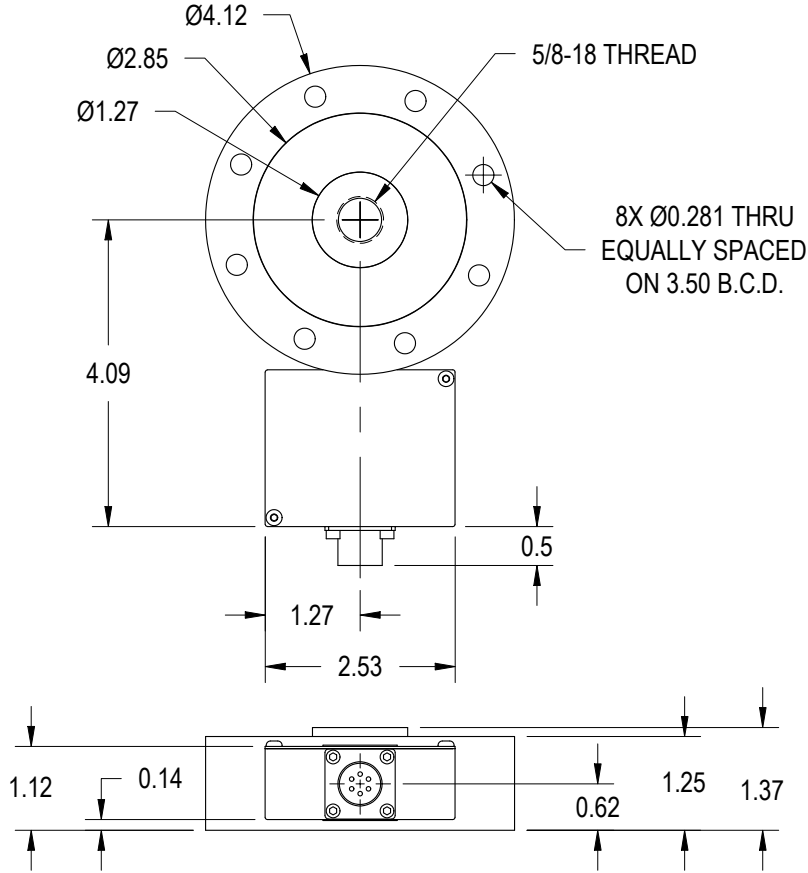


# FUTEK MODEL QLA133 Custom Pancake Load Cell w/ Built in Amplifier

INCH (mm)		R.O.= Rated Output	
WIRING CODE			
12-24 VDC	GROUND	CURRENT	RETURN (CURRENT)
RED	BLACK	WHITE	BLUE
PIN 'A'	PIN 'B'	PIN 'D'	PIN 'F'



## SPECIFICATIONS:

RATED OUTPUT	20 mA ±0.1%
CAPACITY	200 lb
SAFE OVERLOAD	200% of R.O.
ZERO BALANCE	4 mA ±1%
EXCITATION	12-24 VDC
NONLINEARITY	±0.1% of R.O.
HYSTERESIS	±0.2% of R.O.
NONREPEATABILITY	±0.02% of R.O.
TEMP. SHIFT ZERO	±0.001% of R.O./°F
TEMP. SHIFT SPAN	±0.002% of LOAD/°F
COMPENSATED TEMP.	60 to 160°F
OPERATING TEMP.	32 to 158°F
MATERIAL	ALUMINUM
CONNECTOR:	6 Pin BENDIX Receptacle (PT02A-10-6P)

MATERIAL:

—

HEAT TREATMENT - FINISH:

—

REVISIONS: (Refer to dwg # revision sheet)

- △ 08-05-03
- △ 08-06-03
- △ 09-19-03

## OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

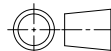
- ALL DIMENSIONS ARE IN INCHES
- DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
- REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
- THREADS PER HANDBOOK H-28
- DIMENSIONS ARE SHOWN AFTER PLATING

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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CAGE: 1X8M6

MODEL: **QLA133**

DRAWN BY: R. WALKER

APPROVED BY: J. MOKHBERY

DWG No.: **FO1009**

CHECKED BY: XXXXX

DATE: **Aug 1, 2003**