

Terms and Conditions of Use

This drawing, including all information depicted herein (collectively, "Drawing"), is FUTEK's property and protected under applicable law, including copyright. FUTEK reserves all rights. The Drawing is provided solely for your information and exclusive use. **Except as expressly approved by FUTEK in writing, you may not reproduce or share this Drawing**, in whole or part, with any other firm or individual, or attempt to reverse engineer the Drawing or data contained therein. Any reproduction of this Drawing in whole or part must include this legend.

By accessing the Drawing, you agree that you have read, understand, and agree to abide by the stated Terms and Conditions of Use.

© 2023 FUTEK Advanced Sensor Technology, Inc.

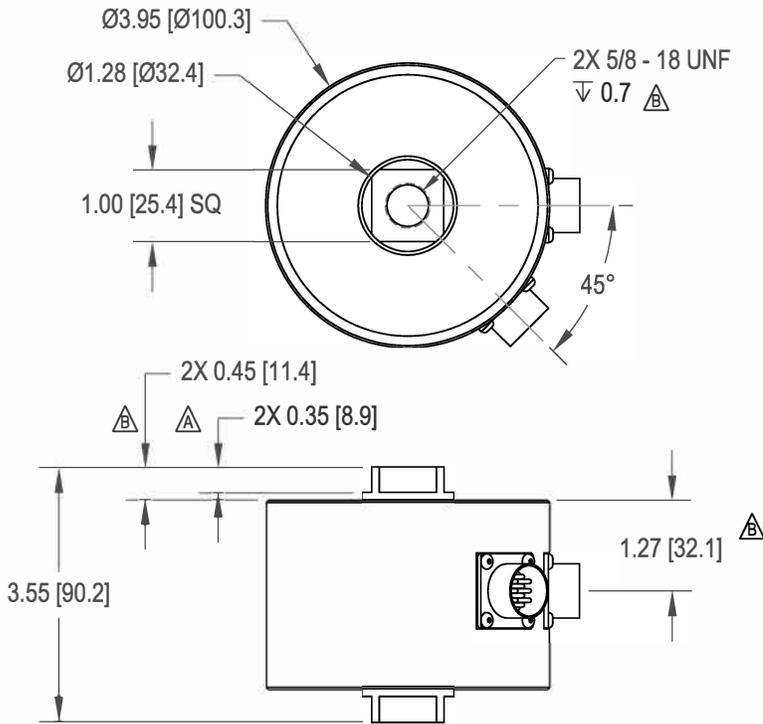
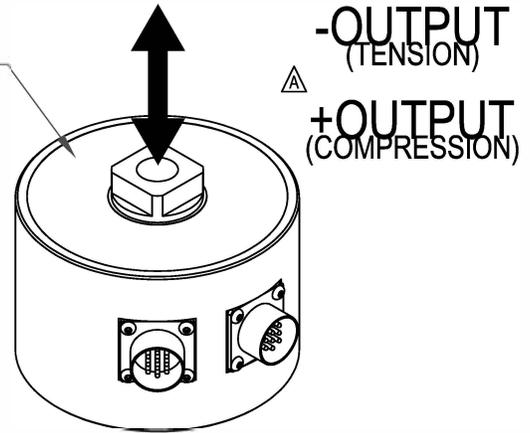
FUTEK MODEL QLA335

Tension and Compression Overload Protected Load Cell

ITEM NUMBER: SEE CHART

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+Excitation D & H	-Excitation B & K	+Signal E & J	-Signal A & F
TEDS Data C	TEDS Gnd G		

ISOLATION DIAPHRAGMS
DO NOT CONTACT OR DAMAGE



SPECIFICATIONS:

RATED OUTPUT (mV/V)	SEE CHART nom.
CAPACITY	SEE CHART
SAFE OVERLOAD	15,000 lb MAX
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.2% of R.O.
HYSTERESIS	±0.2% of R.O.
NONREPEATABILITY	±0.05% of R.O.
TEMP. SHIFT ZERO	±0.005% of R.O./°F (0.009% of R.O./°C)
TEMP. SHIFT SPAN	±0.005% of LOAD/°F (0.009% of LOAD/°C)
COMPENSATED TEMP.	60 to 160°F (15 to 71°C)
OPERATING TEMP.	0 to 200°F (-18 to 93°C)
MATERIAL	STAINLESS STEEL
CONNECTOR:	2X PC02E-12-10P

ITEM #	lb	NEWTON	RATED OUTPUT
QSH01465	250	1112	2
QSH01412	500	2224	2
QSH01466	1000	4448	2
QSH01476	2000	8896	3
QSH01477	3000	13344	3
QSH01478	5000	22240	3
QSH01479	10000	44480	3

OUTLINE DRAWING

CUSTOMER APPROVAL-COMPANY

CUSTOMER APPROVAL-NAME /DATE

REVISIONS: (Refer to dwg # revision sheet)

- 6-30-10
- 1-14-11
- 1-28-11

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

This drawing, including all information depicted herein (collectively, "Drawing"), is FUTEK's property and protected under applicable law, including copyright. FUTEK reserves all rights. The Drawing is provided solely for your information and exclusive use. Except as expressly approved by FUTEK in writing, you may not reproduce or share this Drawing in whole or part, with any other firm or individual, or attempt to reverse engineer the Drawing or data contained therein. Any reproduction of this Drawing in whole or part must include this legend.

FUTEK

CAGE: 1X8M6

MODEL: **QLA335**

DRAWN BY: R. WALKER

APPROVED BY: -

DWG No.: **FO1269-C**

CHECKED BY: J. MOKHBERY

DATE: **June 18, 2010**