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FUTEK MODEL QLA337 CUSTOM DUAL BRIDGE PARALLELOGRAM LOAD CELL

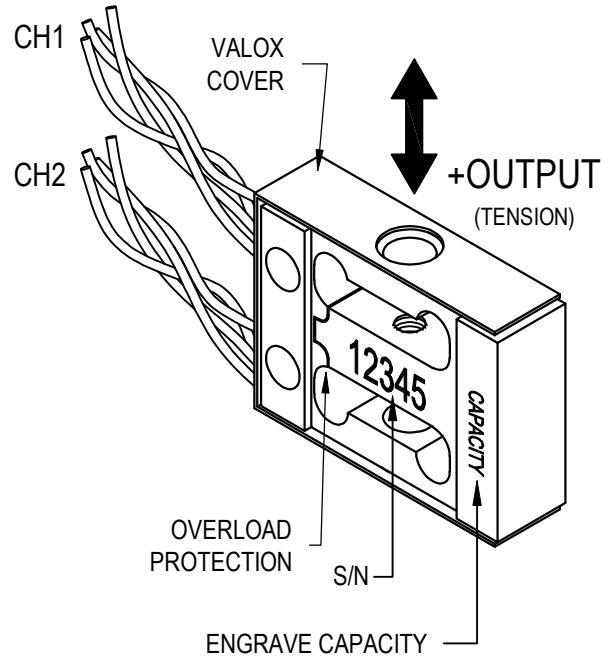
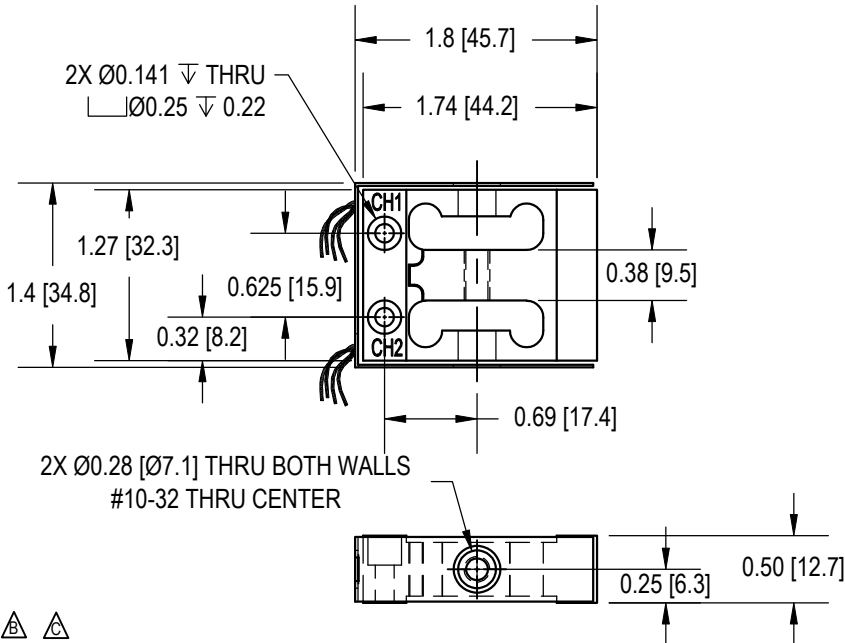
ITEM NUMBER: SEE CHART

INCH [mm] | R.O.= Rated Output

WIRING CODE (WC2)

+Excitation	-Excitation	+Signal	-Signal
GREEN	BLACK	WHITE	RED

COLOR CODE FOR THIS SENSOR IS NOT FUTEK STANDARD



SPECIFICATIONS:

ITEM NO.	QSH01423	QSH01489	QSH01550
CAPACITY	kg 15	kg 2.5	kg 10
	lb 33	lb 5.5	lb 22
RATED OUTPUT- mV/V (nom.)	1.4	2.2	1.9
R.O. TOLERANCE ±(% of R.O.)	5	5	5
ZERO BALANCE ±(% of R.O.)	3	3	3
TEMP. SHIFT ZERO ±(% of R.O./°C)	0.005	0.01	0.005
TEMP. SHIFT SPAN ±(% of LOAD/°C)	0.002	0.005	0.002
NONLINEARITY ±(% of R.O.)	0.02	0.025	0.02
HYSTERESIS ±(% of R.O.)	0.02	0.025	0.02
NON-REPEATABILITY	0.02	0.035	0.02
CREEP ±(% of LOAD.) IN 10 MINUTES	0.03	0.033	0.03
CABLE: 2X #29 AWG, 4 Conductor, Spiral Teflon Cable	6 in	4 ft	6 in
SAFE OVERLOAD	250 lb (114 kg)		
EXCITATION (VDC OR VAC)	18 MAX		
BRIDGE RESISTANCE	1000 Ω nom.		
COMPENSATED TEMP.	50 to 104°F [10 to 40°C]		
OPERATING TEMP.	50 to 104°F [10 to 40°C]		
WEIGHT	approx 1.5 oz		
MATERIAL	ALUMINUM		

CUSTOMER APPROVAL-COMPANY

CUSTOMER APPROVAL-NAME /DATE

REVISIONS: (Refer to dwg # revision sheet)

- 3-24-11
- 10-18-11
- 10-31-11

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:
.X ±0.1
.XX ±0.01
.XXX ±0.005



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CAGE: 1X8M6

MODEL: QLA337

DRAWN BY: R. WALKER

APPROVED BY: -

DWG No.: F01272-C

CHECKED BY: J. VARGAS

DATE: Aug 4, 2010