

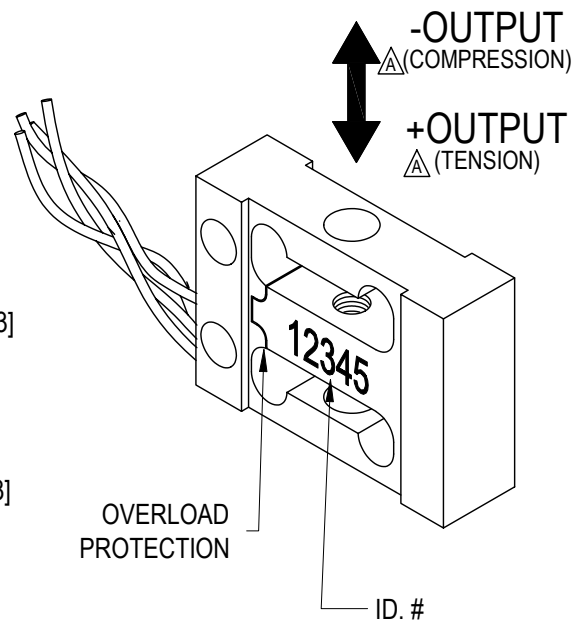
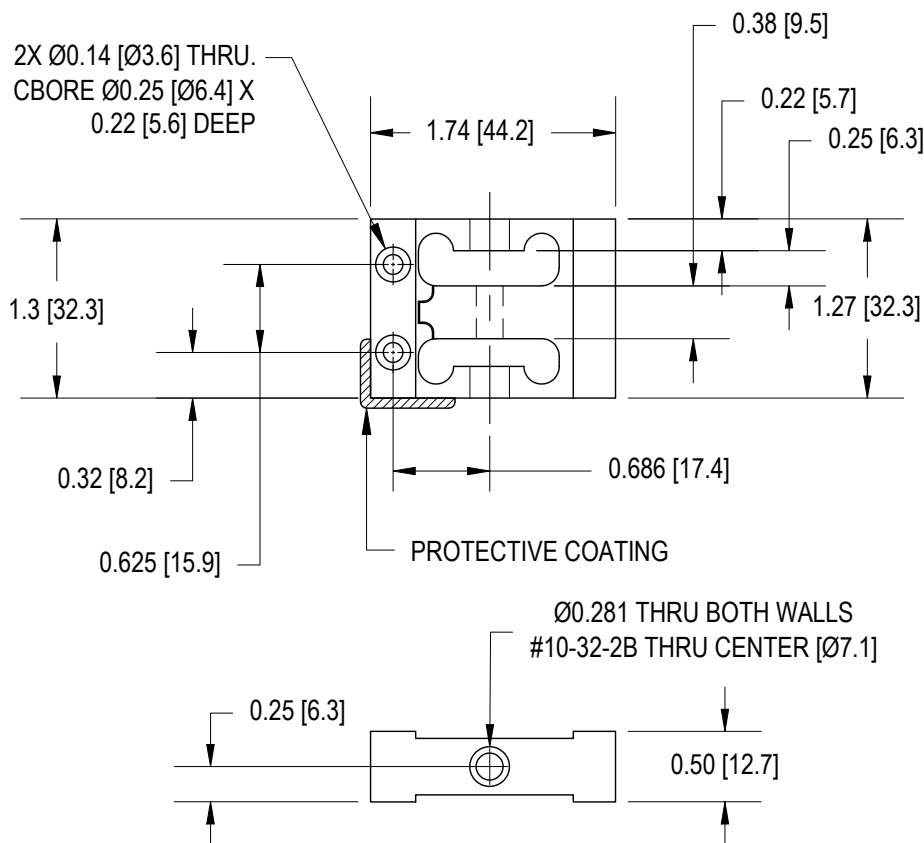
FUTEK MODEL QLA215 PARALLELOGRAM LOAD CELL W/ OVERLOAD PROTECTION

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:

RATED OUTPUT	1 mV/V nom.
SAFE OVERLOAD	250 lb
ZERO BALANCE	±5% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	1000 Ω nom.
NONLINEARITY	±0.2% of R.O.
HYSTERESIS	±0.2% of R.O.
NONREPEATABILITY	±0.05% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F
TEMP. SHIFT SPAN	±0.02% of LOAD/°F
COMPENSATED TEMP.	60 to 160°F [15 to 72°C]
OPERATING TEMP.	-60 to 200°F [-50 to 93°C]
WEIGHT	3 oz [85 g]
MATERIAL	ALUMINUM

CABLE: #29 AWG, 4 Conductor, Spiral Teflon Cable 6 in. [152.4 mm] Long

Stock #	CAPACITY	
	lb	N
QSH00931	2.2	10
QSH01165	5	22
QSH01085	10	45
QSH00565	50	222
QSH00488	100	445

MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

09-12-2008

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:
.X ±0.1
.XX ±0.01
.XXX ±0.005

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CAGE: 1X8M6

MODEL: QLA215

DRAWN BY: H. AU

APPROVED BY: R. WALKER

DWG No.: F01164-A

CHECKED BY: J. VARGAS

DATE: DEC. 22, 2006