

# FUTEK MODEL QLA362

## Parallel Beam Load Cell w/ Overload Protection

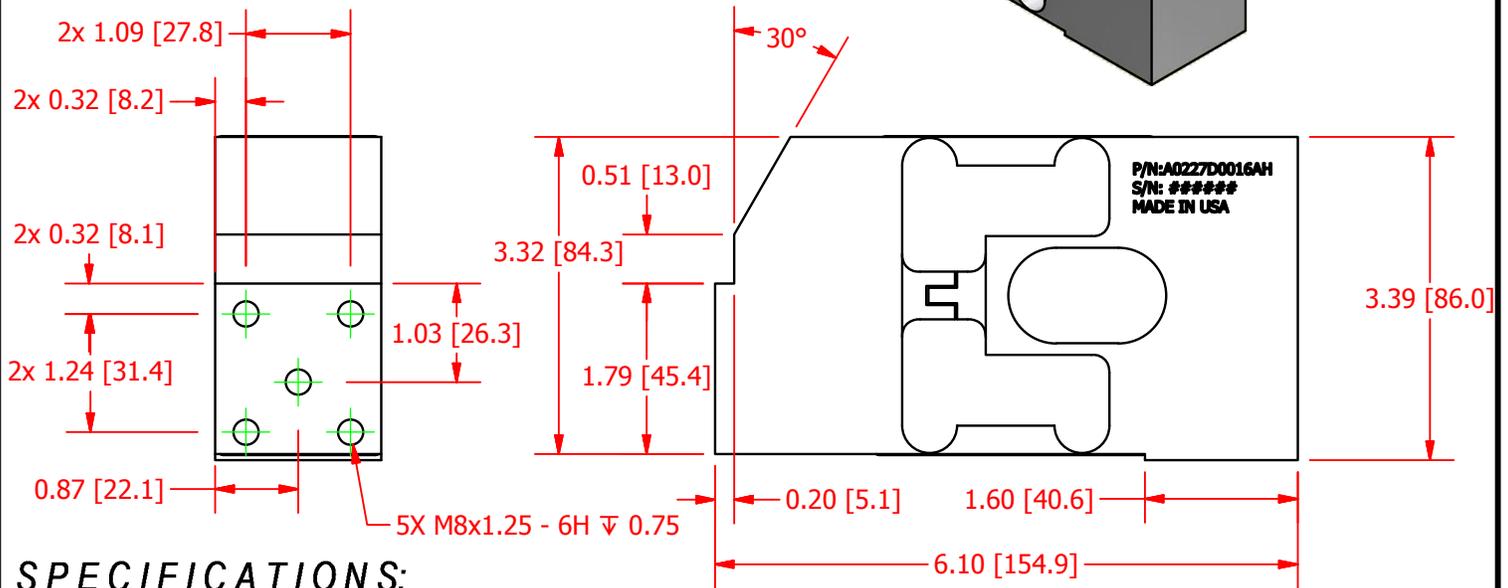
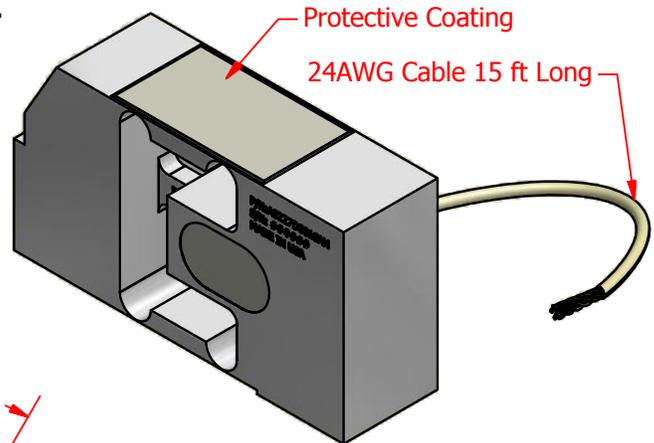
ITEM NUMBER: QSH01630

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
WHITE	GREEN	RED	BLACK
Shield			
Floating			

**-OUTPUT**

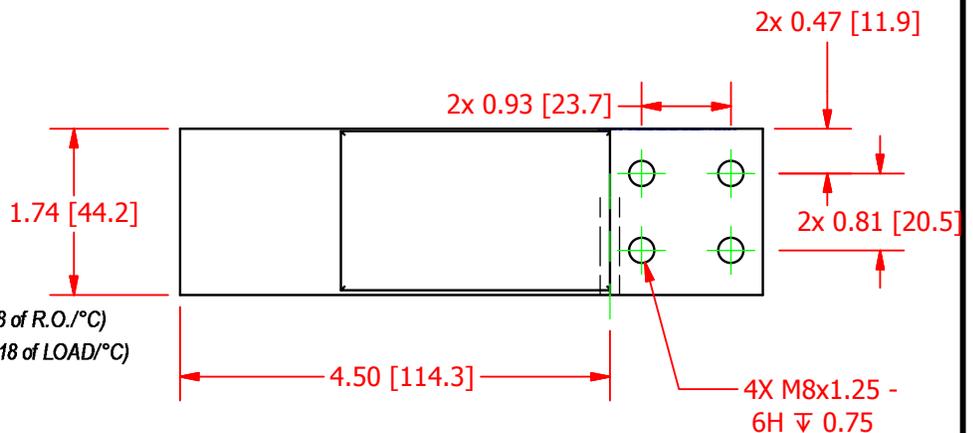
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**+OUTPUT**



### SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	3.0 kg [6.6 lb]
SAFE OVERLOAD	1000% of R.O.
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	10 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.05% of R.O.
HYSTERESIS	±0.05% of R.O.
NONREPEATABILITY	±0.01% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.01% of LOAD/°F (±0.018 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	0 to 160 °F (-18 to 71 °C)
WEIGHT (approx)	2.5 lb
MATERIAL	2024 Aluminum Flexure
CABLE: 24 Awg, 4 Conductor Braided Shielded PVC Cable, 15 ft Long	



CUSTOMER APPROVAL- COMPANY:

## OUTLINE DRAWING

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**FUTEK**  
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10 THOMAS, IRVINE, CA 92618 USA  
Phone: (949) 465-0900  
Fax: (949) 465-0905

CUSTOMER APPROVAL- NAME / DATE:

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"



MODEL: **QLA362**

DWG No.: **FO1329-A**

DRAWN BY: *E. Pano*

CREATED DATE: 9/17/2012

APPROVED BY: *R. Walker*

APPROVED DATE: 9/18/2012

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1