

FUTEK MODEL QLA125

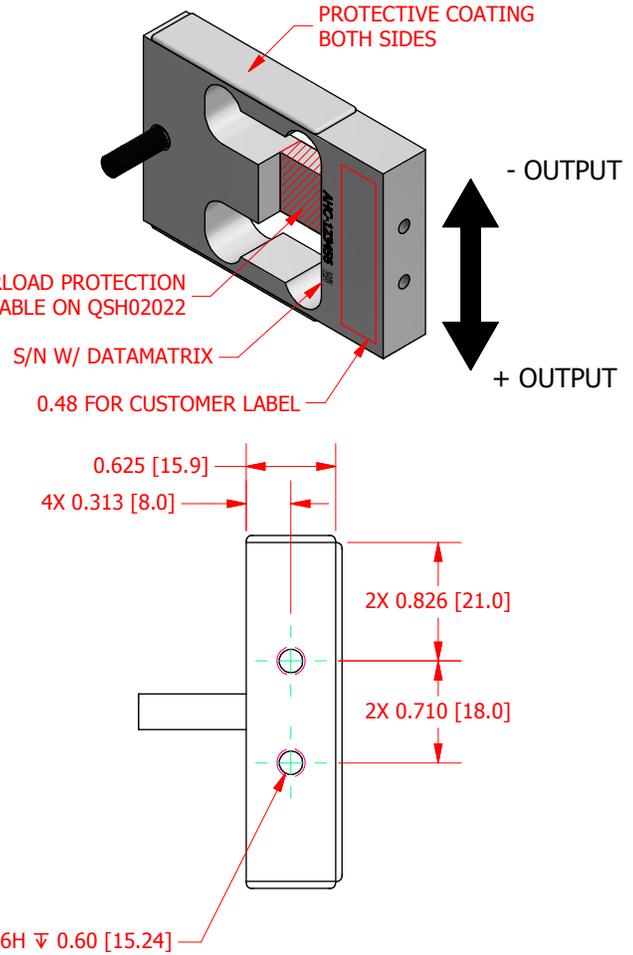
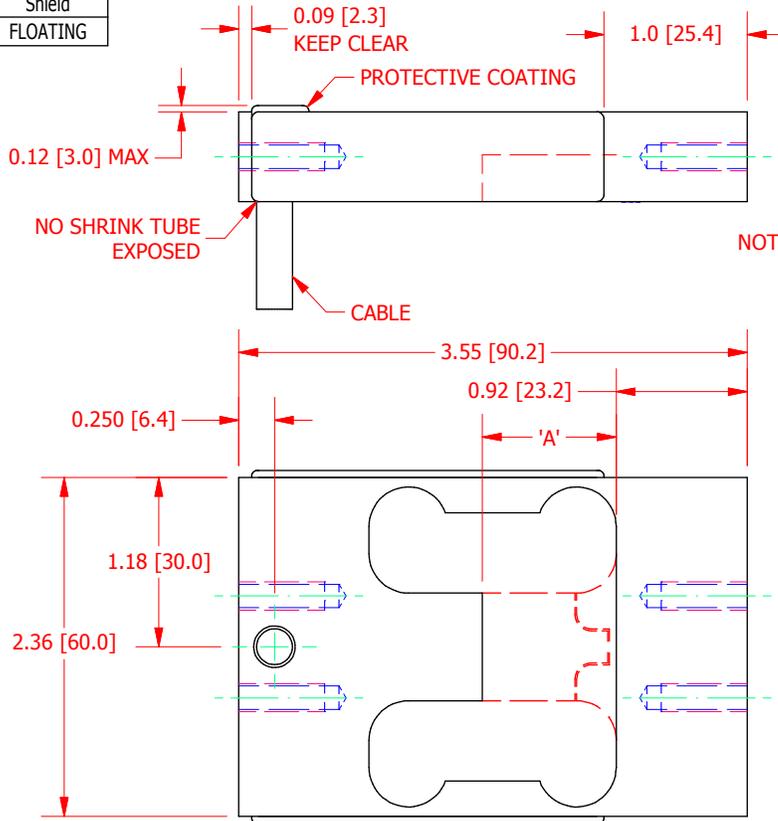
PARALLEL BEAM LOAD CELL

ITEM NUMBER: SEE CHART



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

WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED	WHITE	BLUE	GREEN
Shield			
FLOATING			



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	15 lb. [66.6N]
SAFE OVERLOAD	See Chart
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	18 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)	0.35 lb [158.7 g]
MATERIAL	Aluminum
CABLE: #26 Awg 4 Conductor Shielded Cable, 12 in [30 cm] Long	

RoHS 2011/65/EU Compliant

ITEM#	OVERLOAD PROTECTION	'A'	SAFE OVERLOAD
QSH02021	YES	0	75 lb [334 N]
QSH02022	NO	0.94 [23.7]	22.5 lb [100 N]

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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DRAWN BY: S. MICHEL	CREATED DATE: 8/24/2018
APPROVED BY: R. WALKER	APPROVED DATE: 9/13/2018
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1