

FUTEK MODEL QLA285

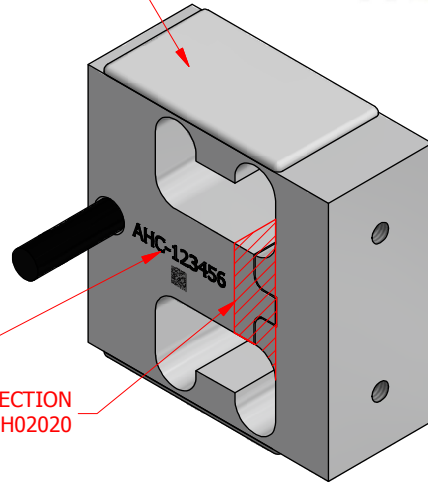
PARALLEL BEAM LOAD CELL

ITEM NUMBER: SEE CHART

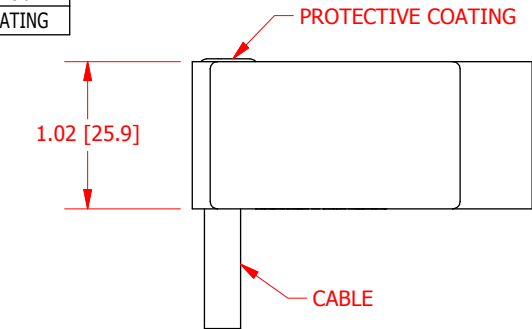


INCH [mm]		R.O. = Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED	WHITE	BLUE	GREEN
Shield			
FLOATING			

PROTECTIVE COATING BOTH SIDES

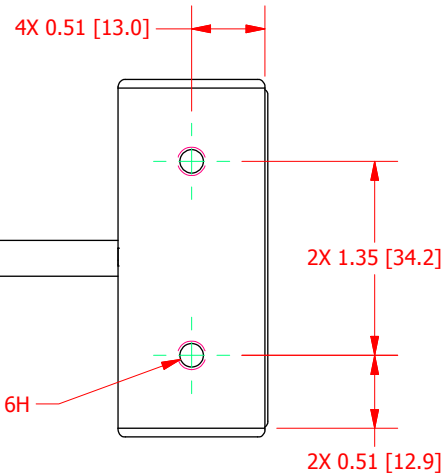
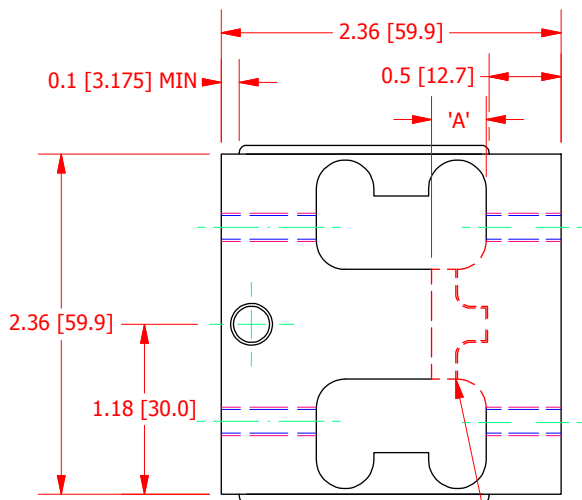


- OUTPUT
↑
↓
+ OUTPUT



S/N WITH DATAMATRIX

OVERLOAD PROTECTION NOT AVAILABLE ON QSH02020



OVERLOAD PROTECTION NOT AVAILABLE ON QSH02020

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)	0.4 lb [181.4 g]
MATERIAL	Aluminum
CABLE: #26 Awg 4 Conductor Shielded Cable, 8 in [20 cm] Long	
RoHS 2011/65/EU Compliant	

ITEM#	OVERLOAD PROTECTION	'A'	SAFE OVERLOAD
QSH02019	YES	0	150 lb [667 N]
QSH02020	NO	0.38 [9.65]	22.5 lb [100 N]

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CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

OUTLINE DRAWING

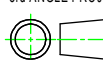
STANDARD NOTES: (Unless Otherwise Specified)

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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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

MODEL: QLA285	DWG No.: FO1476
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