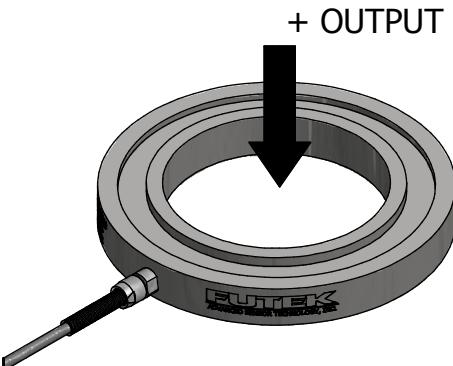
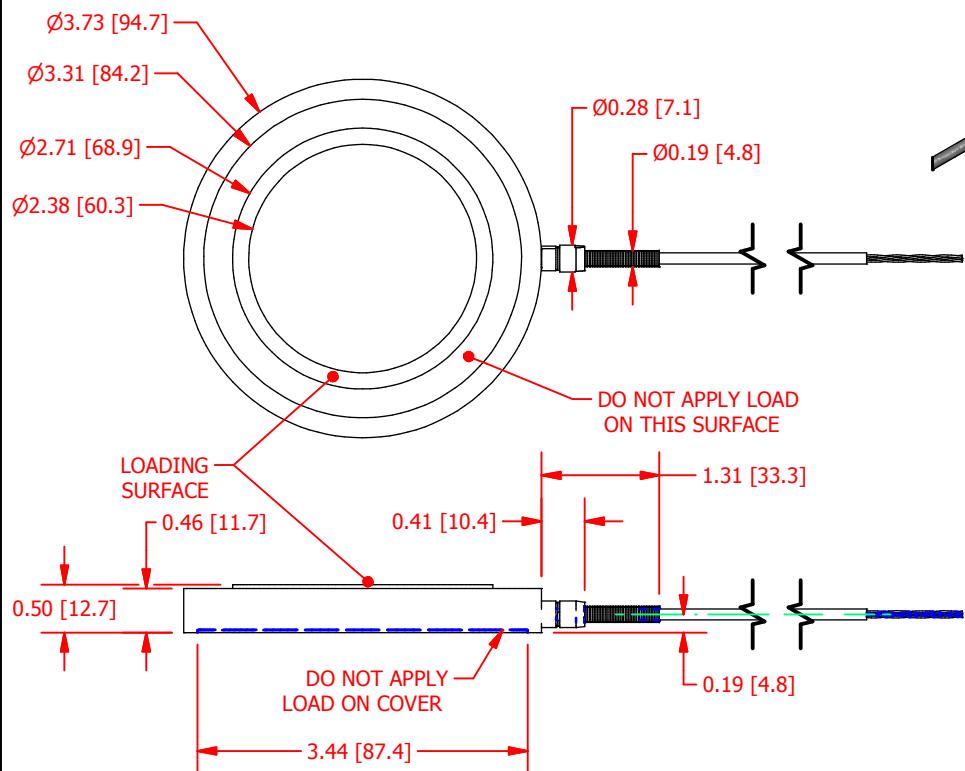


FUTEK MODEL QLA105

ITEM NUMBER: QSH00018

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

LOW PROFILE CUSTOM THRU HOLE DONUT LOAD CELL



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	5000 lb [22.2 kN]
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±2% of R.O.
HYSTERESIS	±2% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F (±0.036 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 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)	0.55 lb [249.4 g]
MATERIAL	17-4 PH S.S.
CABLE:	#24 Awg 4 Conductor Braided Shielded Teflon Cable, 10 ft [3 m] Long



SCIGATE AUTOMATION (S) PTE LTD

No.1 Bukit Batok Street 22 #01-01 Singapore 659592
Tel: (65) 6561 0488 Fax: (65) 6562 0588
Email: sales@scigate.com.sg Web: www.scigate.com.sg

Business Hours: Monday - Friday 8.30am - 6.15pm

CUSTOMER APPROVAL- COMPANY:

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

This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.
10 THOMAS, IRVINE, CA 92618 USA
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MODEL: QLA105	DWG No.: FO1400
DRAWN BY: E.Pano	CREATED DATE: 7/2/2015
APPROVED BY: R. Walker	APPROVED DATE: 7/22/2015
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1

