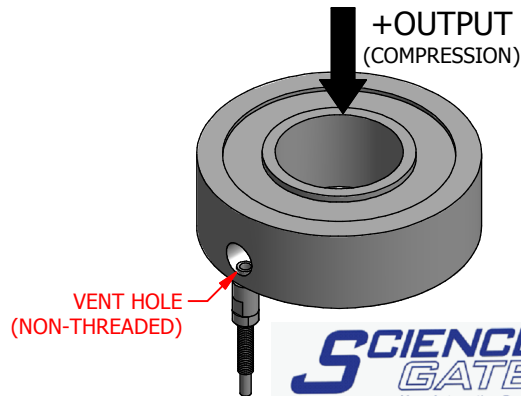
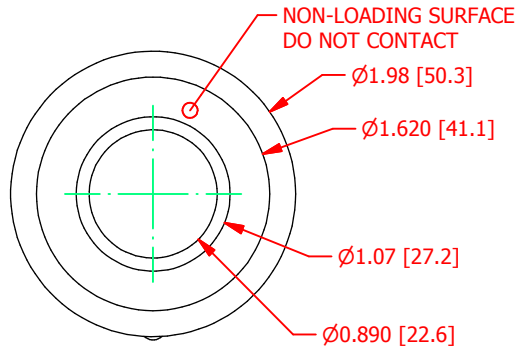


FUTEK MODEL LTH400

ITEM NUMBER: QSH01798

CUSTOM DONUT LOAD CELL, FOR HIGH PRESSURE
AND LARGE TEMPERATURE RANGE, RoHS COMPLIANT

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



SCIGATE AUTOMATION (S) PTE LTD

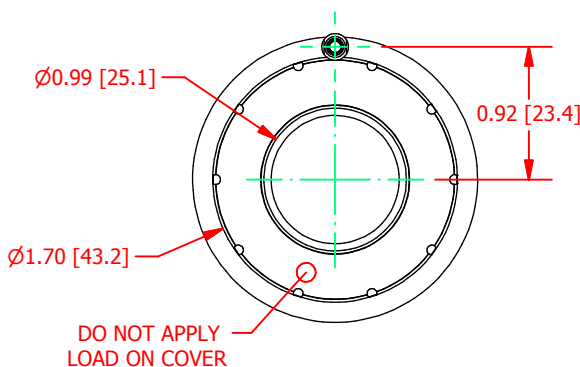
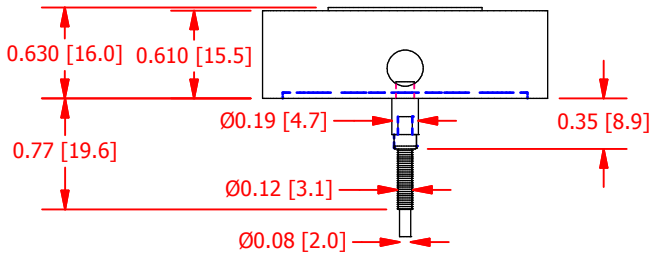
No. 1 Bukit Batok Street 22 #01-01 Singapore 659592
Tel: (65) 6561 0488 Fax: (65) 6562 0588
Email: sales@scigate.com.sg Web: www.scigate.com.sg
Business Hours: Monday - Friday 8.30am - 6.15pm

NOTES:

- 1) MAX ALLOWABLE PRESSURE 20000 PSI.
- 2) SENSOR TO BE USED IN NON-CONDUCTIVE OIL.
- 3) CALIBRATION TO BE PERFORMED DRY, AT 73°F±10 AND ≈1 ATM PRESSURE.

SPECIFICATIONS:

RATED OUTPUT	1.7 mV/V nom.
CAPACITY	350 lb. [1554N]
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.5% 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.	70 to 350 °F (21 to 177 °C)
OPERATING TEMP	-60 to 350 °F (-51 to 177 °C)
MATERIAL	STAINLESS STEEL
CABLE: #29 Awg 4 Conductor Spiral Shielded Teflon Cable, 3 ft [0.9 m] Long	
RoHS COMPLIANT	2011/65/EU
CE COMPLIANCE	EN55011:2009 EN 61326-1:2006



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

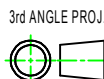
THREADS PER HANDBOOK H-28

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.

10 THOMAS, IRVINE, CA 92618 USA

Phone: (949) 465-0900

Fax: (949) 465-0905

MODEL: **LTH400**

DWG No.: **FO1391**

DRAWN BY: **E. Pano**

CREATED DATE: **5/18/2015**

APPROVED BY: **R. Walker**

APPROVED DATE: **7/9/2015**

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1