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FUTEK MODEL

ITEM NUMBER: QSH02193 \triangle B

CUSTOM SUBMINIATURE LOAD BUTTON LOAD CELL WITH LX40-12P HIROSE CONNECTOR

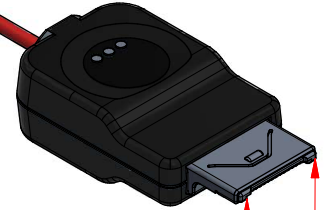
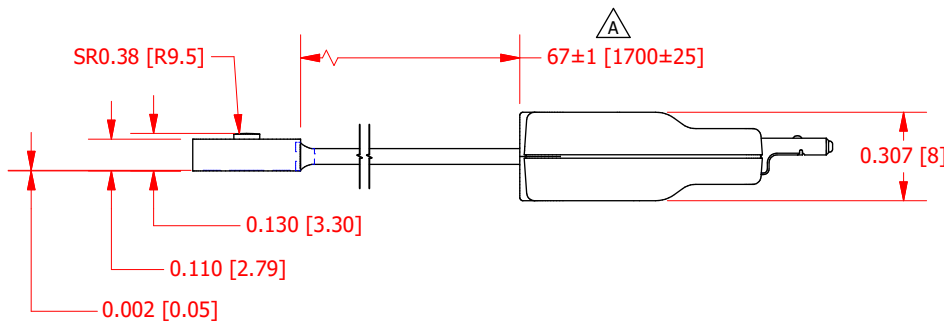
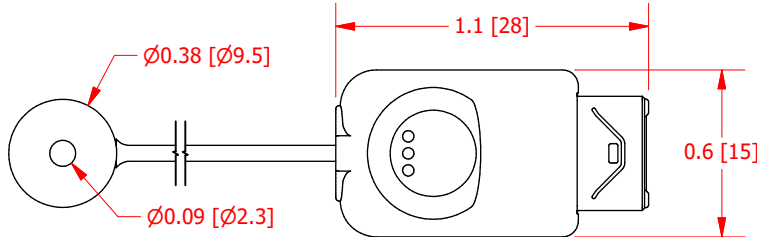


NON LOADING SURFACE

+ OUTPUT
(COMPRESSION)

LASER MARKED S/N

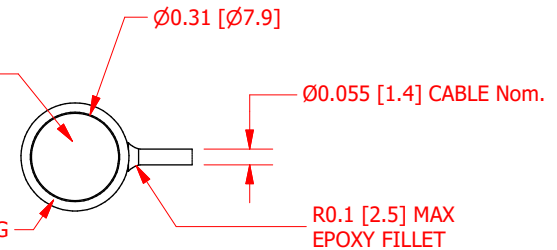
INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+Signal	-Signal
Pin 11	Pin 12	Pin 1	Pin 2



PIN# 1
PIN# 12

DO NOT APPLY LOAD ON COVER

SUPPORT OUTER RING



BOTTOM VIEW

SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom
CAPACITY	10 lb
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	7 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.1% 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	-60 to 200 °F (-51 to 93 °C)
WEIGHT (approx)	0.02 lb [8.5 g]
MATERIAL	17-4 PH.S.S.
DEFLECTION	0.0003 [0.008] nom

CABLE: #34 AWG 4 Conductor Braided Shielded Cable with Red Polyester Jacket, 1700 mm long \triangle A
RoHS Lead Free (EU) 2016/863

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A	2/9/2021
B	2/10/2021

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

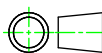
ALL DIMENSIONS ARE IN INCHES
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5
REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
THREADS PER HANDBOOK H-28
DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
± 1/2°

CHAMFER:
± 5°

TOLERANCE:
.X ± 0.1"
.XX ± 0.01"
.XXX ± 0.005"

3rd ANGLE PROJ.



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MODEL: **LLB130**

DWG No.: **FO1538-B**

DRAWN BY: M. LISIAK

CREATED DATE: 5/21/2020

APPROVED BY: S. VOSOUGH

APPROVED DATE: 5/21/2020

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1