

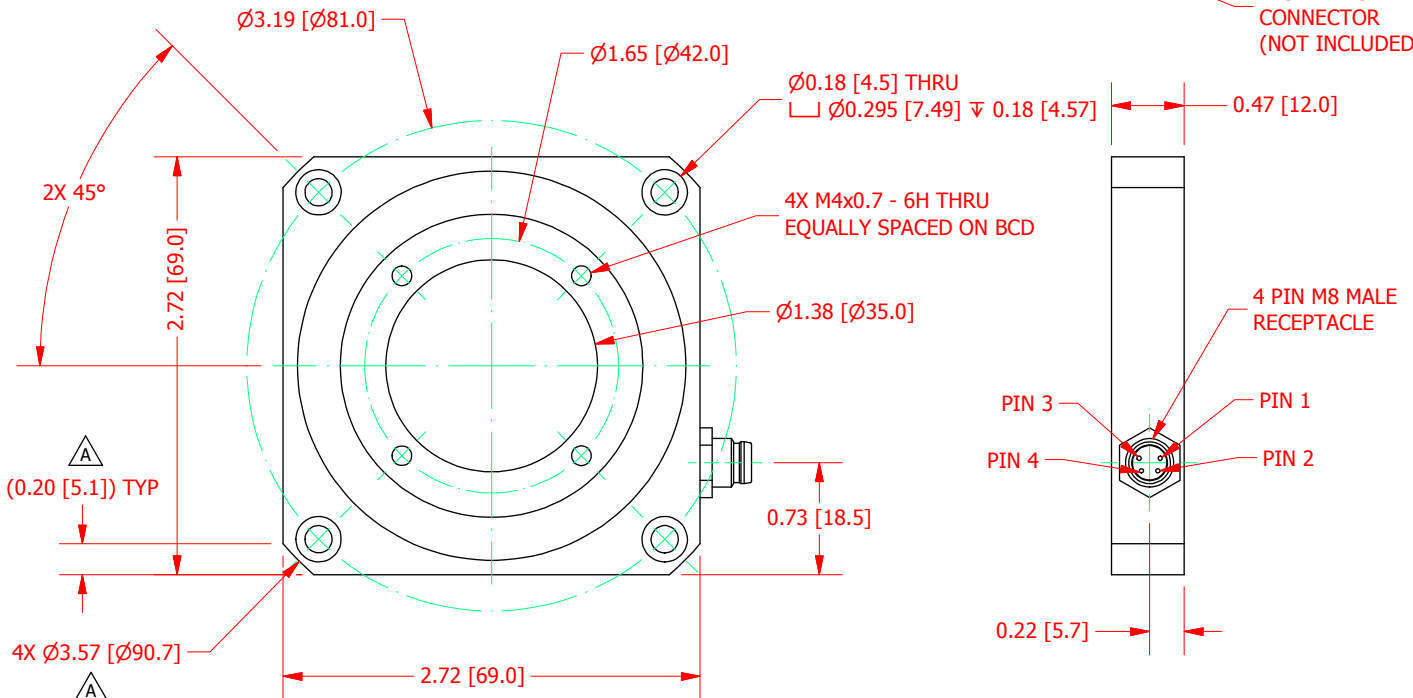
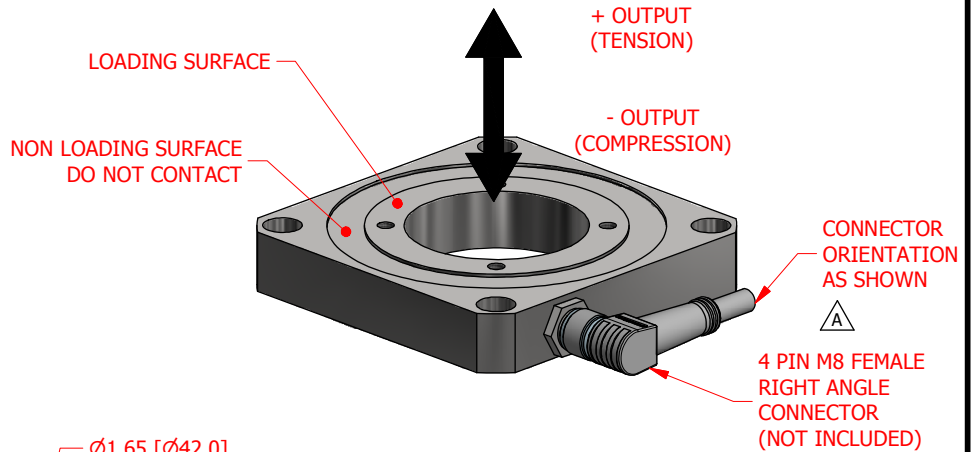
FUTEK MODEL QLA407

ITEM NUMBER: QSH01981

Custom Square Flange Mount Thru Hole Load Cell with 4 Pin Connector

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

WIRING CODE \triangle B			
+ Excitation	-Signal	+Signal	- Excitation
PIN 1 BROWN	PIN 2 WHITE	PIN 3 BLUE	PIN 4 BLACK



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	1000 lb. [4440N]
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±5% of R.O.
EXCITATION	10 VDC MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±1% of R.O.
HYSTERESIS	±1% 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	±0.02% of LOAD/°F (± 0.036 of LOAD/°C)
COMPENSATED TEMP.	50 to 100 °F (10 to 38 °C)
OPERATING TEMP	-60 to 200 °F (-51 to 93 °C)
MATERIAL	17-4 PH STAINLESS STEEL
DEFLECTION	0.002 in [0.05 mm]

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CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

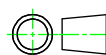
A	4/11/2018
B	7/12/2018

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

3rd ANGLE PROJ.



ANGLE:
± 1/2°

CHAMFER:
± 5°

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

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MODEL: QLA407	DWG No.: FO1459-B
DRAWN BY: S. MICHEL	CREATED DATE: 3/30/2018
APPROVED BY: J. VARGAS	APPROVED DATE: 3/30/2018
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1