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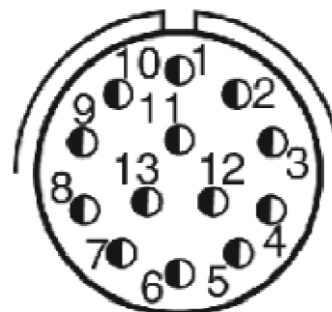
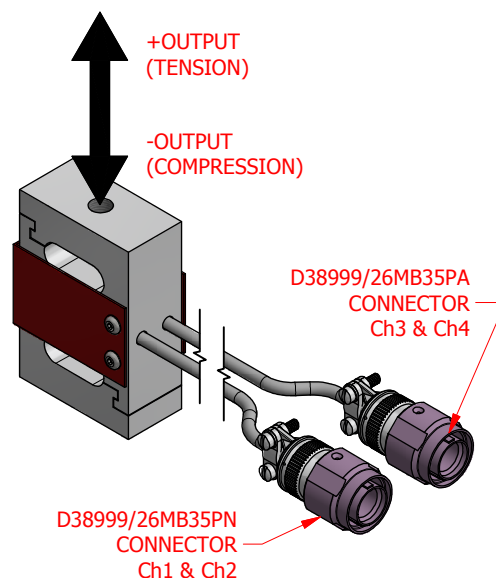
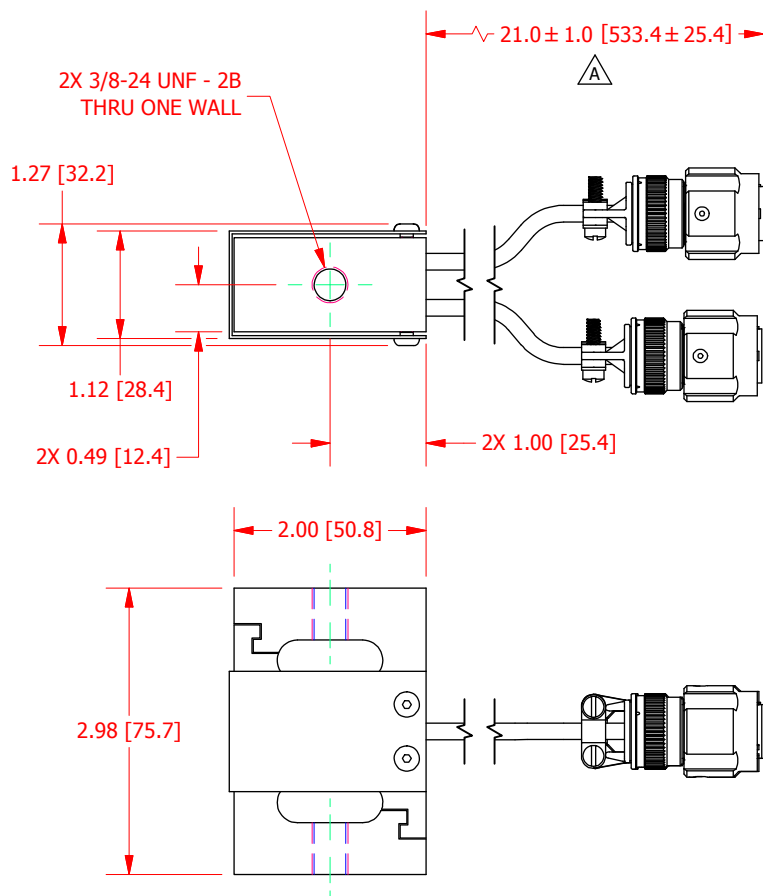
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FUTEK MODEL QLA284

Quad Bridge Tension & Compression Load Cell with Overload Protection

ITEM NUMBER: QSH02010

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



** Mating face view of pin layout **

SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom , 3.3 mV/V max
CAPACITY	200 lb. [889.6N]
SAFE OVERLOAD	2125 lb. [9452N]
ZERO BALANCE	±5% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	1000 Ω nom.
NONLINEARITY	±0.25% of R.O.
HYSTERESIS	±0.25% of R.O.
NONREPEATABILITY	±0.05% of R.O.
TEMP. SHIFT ZERO	±0.005% of R.O./°F (±0.009 of R.O./°C)
TEMP. SHIFT SPAN	±0.005% of LOAD/°F (±0.009 of LOAD/°C)
COMPENSATED TEMP.	32 to 120 °F (0 to 49 °C)
OPERATING TEMP	32 to 158 °F (0 to 70 °C)
WEIGHT (approx)	< 0.7 lb [317.5 g]
MATERIAL	7075-T6 Aluminum
CABLES: #26 Awg 8 Conductor Braided Shielded Cable (M27500-26TG8T14), 15-20 in [38-51cm] Long	

Ch1 & Ch3 (Primary)	
PIN	FUNCTION
1	+Excitation
2	+Signal
3	-Signal
4	-Excitation
Shell	Shield*

Ch2 & Ch4 (Secondary)	
PIN	FUNCTION
6	+Excitation
7	+Signal
8	-Signal
9	-Excitation
Shell	Shield*

*Floating at sensor body

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A 8/8/18

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: QLA284	DWG No.: F01471-A
DRAWN BY: S. MICHEL	CREATED DATE: 7/25/2018
APPROVED BY: R. WALKER	APPROVED DATE: 7/27/2018
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1