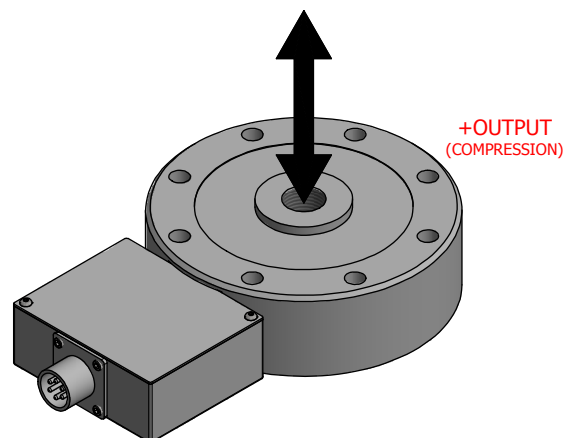
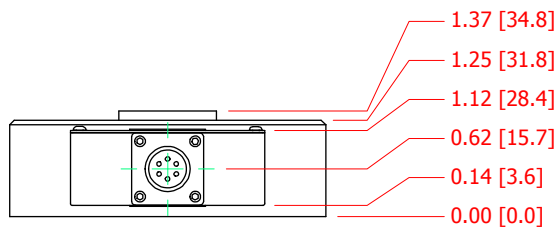
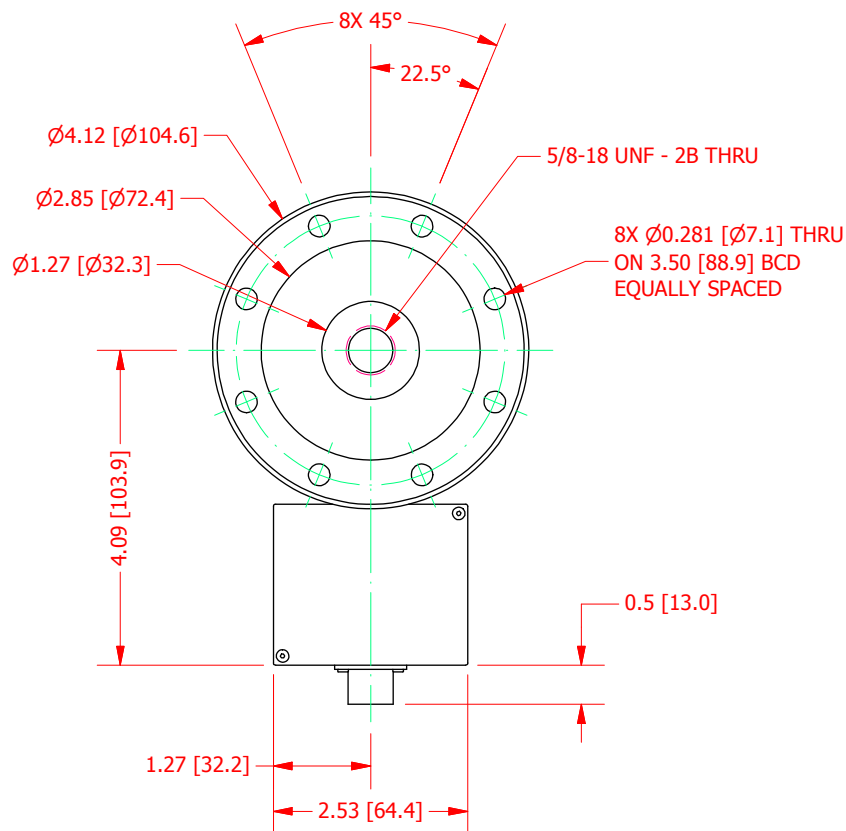


FUTEK MODEL QLA133

Custom Pancake Load Cell w/ Built in Amplifier (mA Version)

ITEM NUMBER: QSH01921

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ POWER SUPPLY	- GROUND	+ CURRENT OUTPUT	- CURRENT OUTPUT
PIN A	PIN B	PIN D	PIN F



SPECIFICATIONS:

RATED OUTPUT	20 mA ± 0.1%
CAPACITY	200 lb
SAFE OVERLOAD	200% of R.O.
ZERO BALANCE	4 mA ± 1%
POWER SUPPLY	12-24 VDC
MAX OUTPUT LOAD IMPEDANCE	750 Ohm
MAX CURRENT	100mA @ FULL LOAD
-3dB BANDWIDTH	1 kHz
NONLINEARITY	± 0.1% of R.O.
HYSTERESIS	± 0.2% of R.O.
NONREPEATABILITY	± 0.02% of R.O.
TEMP. SHIFT ZERO	± 0.001% of R.O./°F
TEMP. SHIFT SPAN	± 0.002% of LOAD/°F
COMPENSATED TEMP.	60 to 160°F
OPERATING TEMP.	32 to 158°F
MATERIAL	ALUMINUM
CONNECTOR: 6 Pin BENDIX Receptacle (PT02E-10-6P)	
RoHS	2011/65/EU

DSPM Industria
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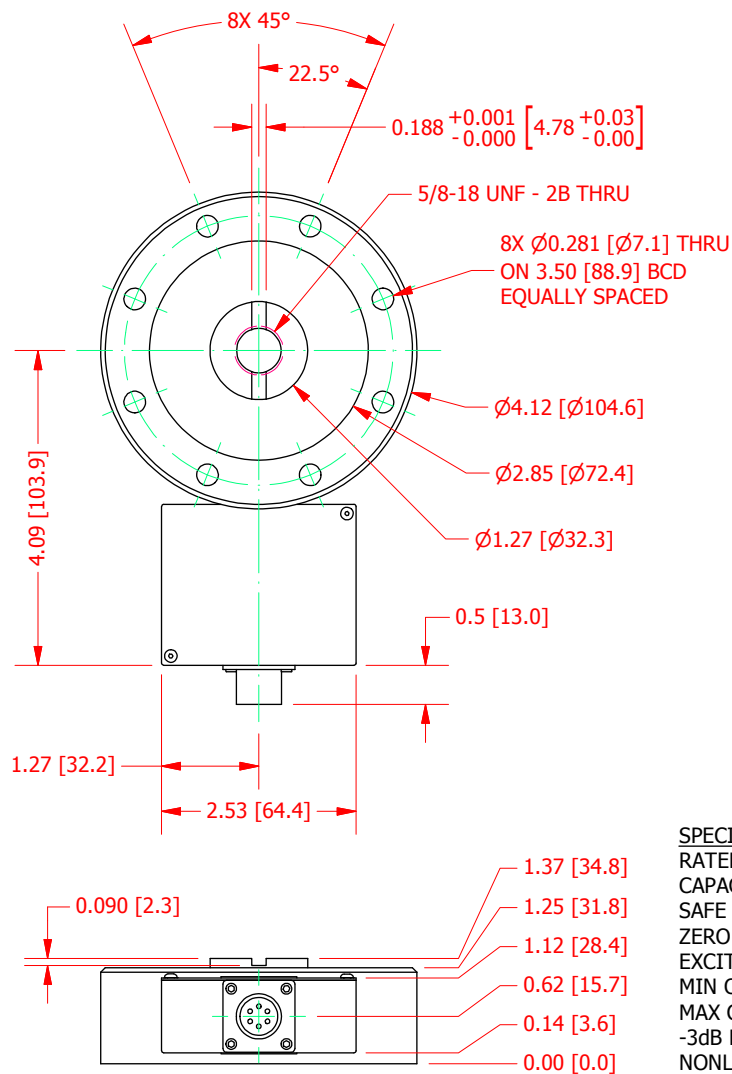
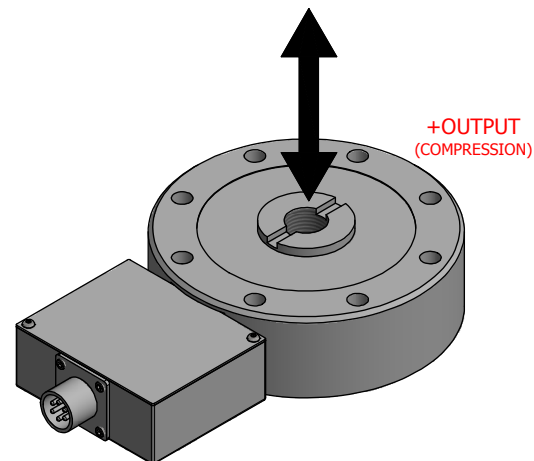
CUSTOMER APPROVAL- COMPANY:		<h1 style="color: green;">OUTLINE DRAWING</h1>	This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from: FUTEK ADVANCED SENSOR TECHNOLOGY, INC.
CUSTOMER APPROVAL- NAME / DATE:			
REVISIONS: (Refer to dwg # revision sheet)		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 3rd ANGLE PROJ.	MODEL: QLA133 DWG No.: FO1451 DRAWN BY: S. MICHEL CREATED DATE: 11/14/2017 APPROVED BY: R. WALKER APPROVED DATE: CHECKED BY: CAGE: 1X8M6 SHEET: 1 OF 1
		ANGLE: ± 1/2° CHAMFER: ± 5° TOLERANCE: .X ± 0.1" .XX ± 0.01" .XXX ± 0.005"	

FUTEK MODEL QLA133

ITEM NUMBER: QSH01922

Custom Pancake Load Cell w/ Built in Amplifier (VDC Version)

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
POWER SUPPLY	GROUND	VOLTAGE OUTPUT (+)	VOLTAGE OUTPUT (-)
PIN A	PIN B	PIN C	PIN E



SPECIFICATIONS:

RATED OUTPUT	± 10 VDC NOM.
CAPACITY	150 lb [0.667 kN]
SAFE OVERLOAD	200% of R.O.
ZERO BALANCE	± 1% of R.O.
EXCITATION	14-26 VDC MAX
MIN OUTPUT LOAD IMPEDANCE Δ	660 Ohm
MAX CURRENT	70mA @ FULL LOAD
-3dB BANDWIDTH	1 kHz
NONLINEARITY	± 0.1% of R.O.
HYSTERESIS	± 0.2% of R.O.
NONREPEATABILITY	± 0.02% of R.O.
TEMP. SHIFT ZERO	± 0.001% of R.O./°F (± 0.002 of R.O./°C)
TEMP. SHIFT SPAN	± 0.002% of LOAD/°F (± 0.004 of LOAD/°C)
COMPENSATED TEMP.	60 to 160°F (16 to 71°C)
OPERATING TEMP.	32 to 158°F (0 to 70°C)
MATERIAL	17-4 PH STAINLESS STEEL (FLEXURE)
CONNECTOR: 6 Pin BENDIX Receptacle (PT02E-10-6P)	
RoHS	2011/65/EU

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CUSTOMER APPROVAL- COMPANY:		<h1>OUTLINE DRAWING</h1>	FUTEK ADVANCED SENSOR TECHNOLOGY, INC.
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REVISIONS: (Refer to dwg # revision sheet)		STANDARD NOTES: (Unless Otherwise Specified)	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:
A	01/05/2018	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 3rd ANGLE PROJ.	
		ANGLE: ± 1/2° CHAMFER: ± 5° TOLERANCE: .X ± 0.1" .XX ± 0.01" .XXX ± 0.005"	MODEL: QLA133 DWG No.: FO1452-A DRAWN BY: S. MICHEL CREATED DATE: 11/14/2017 APPROVED BY: R. WALKER APPROVED DATE: CHECKED BY: CAGE: 1X8M6 SHEET: 1 OF 1