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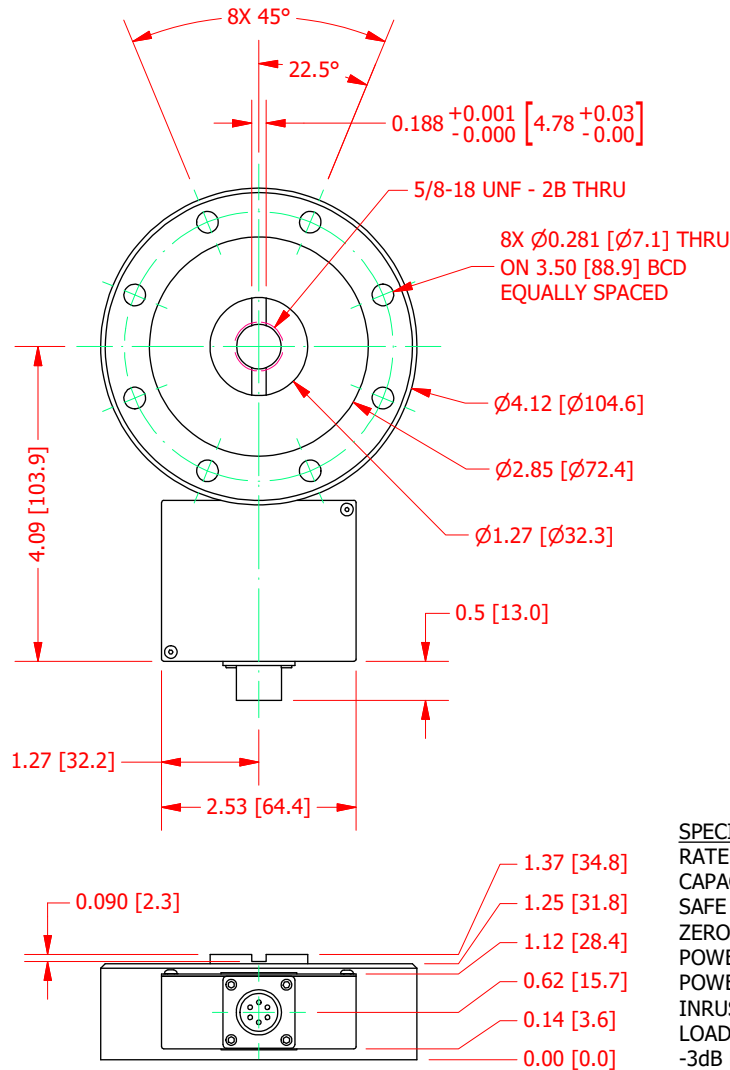
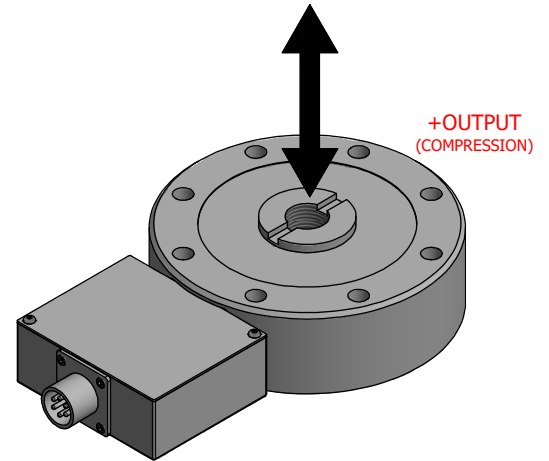
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FUTEK MODEL QLA133

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

ITEM NUMBER: QSH02177

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
Vin	GND	Vout	GND
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.
POWER SUPPLY	14 - 24 VDC
POWER CONSUMPTION	675 mW
INRUSH CURRENT	2A
LOAD IMPEDANCE	≥5 kOhm
-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)
OPERATING TEMP.	32 to 122°F (0 to 50°C)
MATERIAL	17-4 PH STAINLESS STEEL (FLEXURE)
CONNECTOR: 6 Pin BENDIX Receptacle (PT02E-10-6P)	EU 2015/863
RoHS	

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

OUTLINE DRAWING

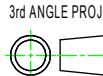
STANDARD NOTES: (Unless Otherwise Specified)

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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MODEL: **QLA133**

DWG No.: **FO1547**

DRAWN BY: Y. GUERRERO

CREATED DATE: 11/16/2020

APPROVED BY: R. WALKER

APPROVED DATE: 11/16/2020

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1