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FUTEK MODEL QLA133

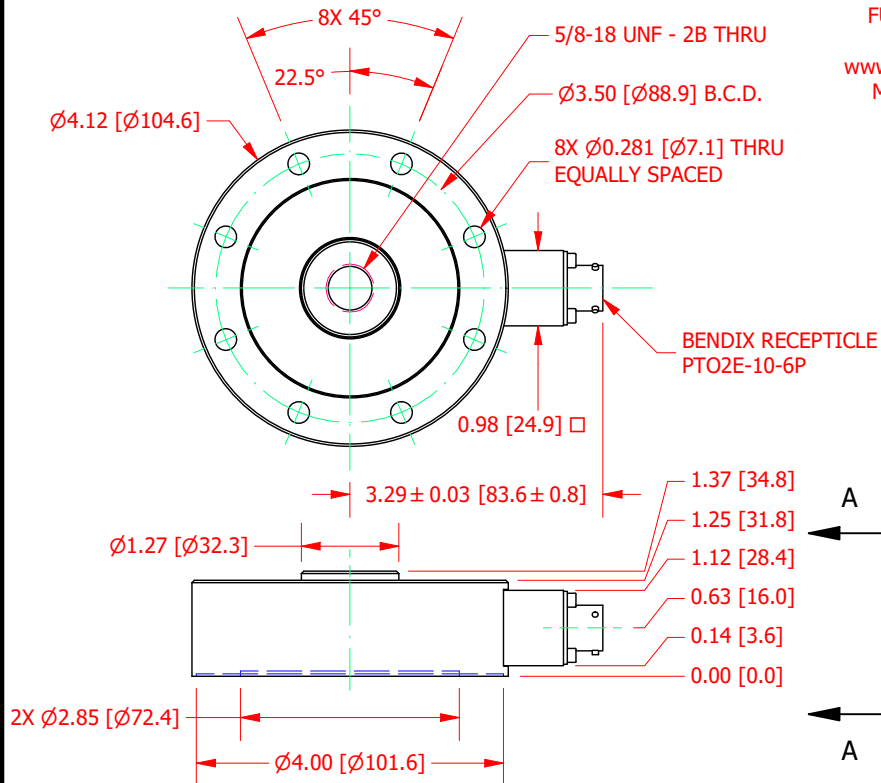
ITEM NUMBER: QSH02326

Custom Pancake Load Cell w/ Built in Amplifier (4-20 mA Version)

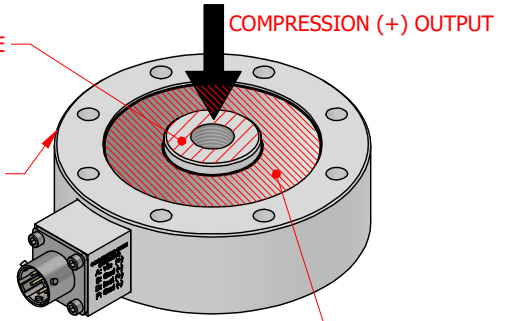
INCH [mm] | R.O.= Rated Output

WIRING CODE

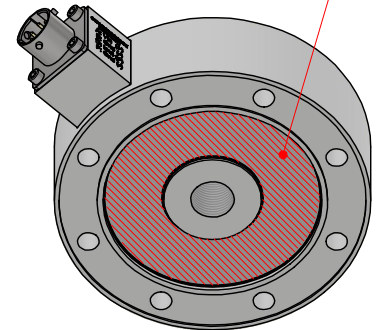
Vin (+)	GND (-)	Iout (+)	GND (-)
PIN A	PIN B	PIN D	PIN F



LASER ENGRAVE:
FUTEK LOGO
FUTEK S/N
www.futek.com
Made in USA



TOP VIEW

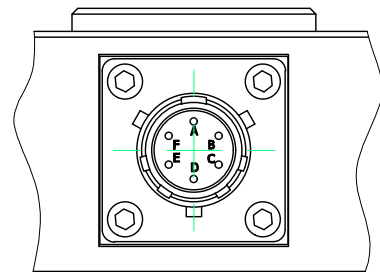


BOTTOM VIEW

DO NOT LOAD
ON SURFACES

SPECIFICATIONS:

RATED OUTPUT	16 mA ±0.1%
CAPACITY	200 lb. [888N]
SAFE OVERLOAD	200 % of R.O.
ZERO BALANCE	4% mA ±1%
POWER SUPPLY	16 to 24 Vdc
MAX OUTPUT LOAD IMPEDANCE	500 Ohm
MAX CURRENT	46 mA @ 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	±0.005% 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.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP.	32 to 158 °F (0 to 70 °C)
MATERIAL	ALUMINUM
CONNECTOR: 6 Pin Bendix Receptacle (PT02E-10-6P)	
RoHS	EU 2015/863



VIEW A-A
SCALE 1 / 1

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

OUTLINE DRAWING

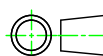
STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5
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"



FUTEK

MODEL: **QLA133**

DRAWN BY: Y. GUERRERO

APPROVED BY: R. WALKER

CHECKED BY:

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DWG No.: **F01612-0**

CREATED DATE: 10/11/2022

APPROVED DATE: 10/18/2022

CAGE: 1X8M6 SHEET: 1 OF 1