

FUTEK MODEL LCF500 (QLA122)

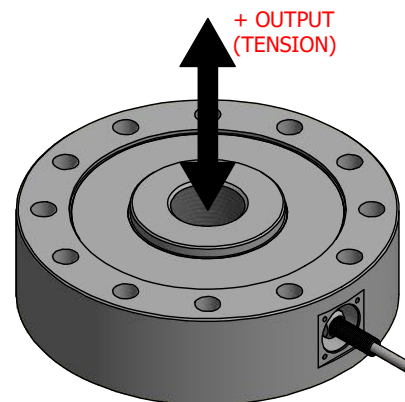
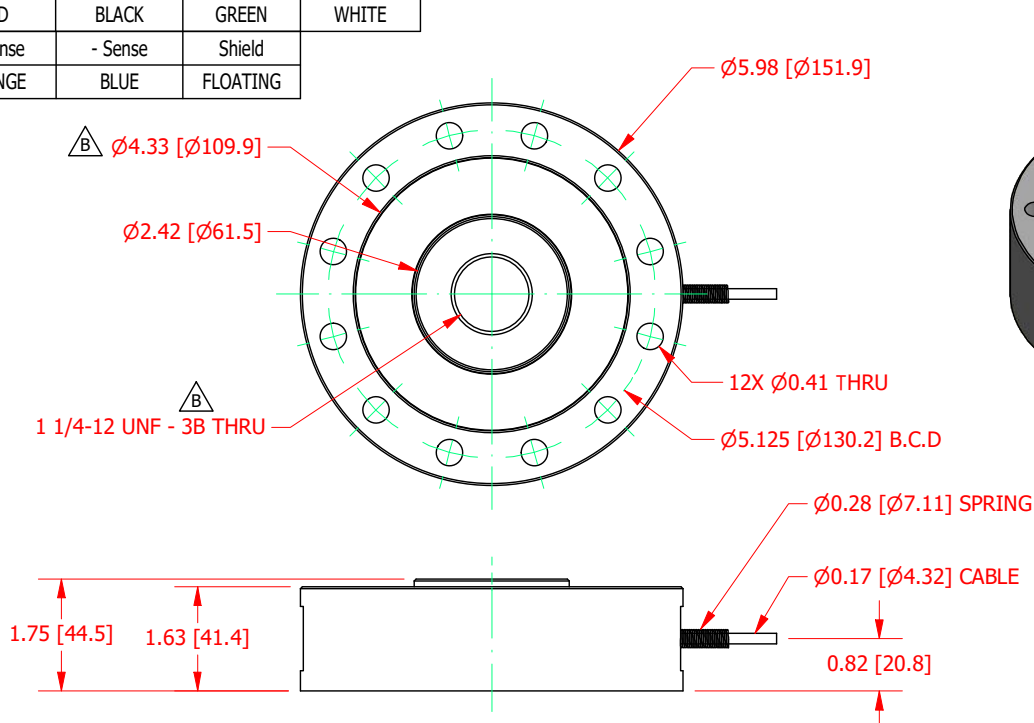
ITEM NUMBER: SEE CHART

LOW PROFILE UNIVERSAL
PANCAKE LOAD CELL W/
INTERNAL STRAIN RELIEF
PREVIOUSLY L2900-Q11307

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

WIRING CODE

+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
+ Sense	- Sense	Shield	
ORANGE	BLUE	FLOATING	



SPECIFICATIONS:

RATED OUTPUT

CAPACITY

SAFE OVERLOAD

ZERO BALANCE

EXCITATION (VDC OR VAC)

BRIDGE RESISTANCE

NONLINEARITY

HYSTERESIS

NONREPEATABILITY

TEMP. SHIFT ZERO

TEMP. SHIFT SPAN

COMPENSATED TEMP.

OPERATING TEMP

MATERIAL

DEFLECTION

CABLE: #28 Awg 6 Conductor Braided Shielded Polyurethane Cable, 5 ft [1.5 m] Long

RoHS Compliance

SEE CHART

SEE CHART

SEE CHART

SEE CHART

20 MAX

350 Ω nom.

$\pm 0.12\%$ of R.O.

$\pm 0.12\%$ of R.O.

$\pm 0.02\%$ of R.O.

SEE CHART

$\pm 0.002\%$ of LOAD/ $^{\circ}$ F (± 0.004 of LOAD/ $^{\circ}$ C)

60 to 160 $^{\circ}$ F (16 to 71 $^{\circ}$ C)

-60 to 200 $^{\circ}$ F (-51 to 93 $^{\circ}$ C)

17-4 PH S.S.

SEE CHART

SPECIFICATION	QSH01958	QSH02266
RATED OUTPUT	4 mV/V	2 mV/V
CAPACITY	50000 lb.	12500 lb.
SAFE OVERLOAD	150% of R.O.	300% of R.O.
ZERO BALANCE	$\pm 1\%$ of R.O.	$\pm 2\%$ of R.O.
TEMP SHIFT ZERO	$\pm 0.001\%$ of R.O./ $^{\circ}$ F (0.0018% of R.O./ $^{\circ}$ C)	$\pm 0.002\%$ of R.O./ $^{\circ}$ F (0.0036% of R.O./ $^{\circ}$ C)
DEFLECTION	0.003 [0.076] nom.	0.001 [0.025] nom.

EU2015/863

CUSTOMER APPROVAL - COMPANY:

CUSTOMER APPROVAL - NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A	12/19/2007
B	12/22/2021

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

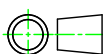
DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
 $\pm 1/2^{\circ}$

CHAMFER:
 $\pm 5^{\circ}$

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

3rd ANGLE PROJ.



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FUTEK

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MODEL: LCF500 (QLA122)

DRAWN BY: H. AU

APPROVED BY: R. WALKER

CHECKED BY:

DWG No.: FO1061-B

CREATED DATE: 8/31/2004

APPROVED DATE: 8/31/2004

CAGE: 1X8M6 SHEET: 1 OF 1