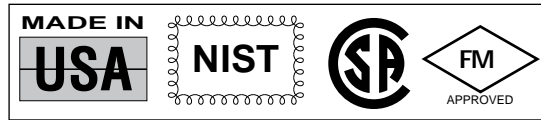




\$995
Model Shown



SPEC SHEET
LC1102/LC1112

*Interchangeable with
Model TH-UC*

**LC1102/LC1112 Series
Tension/Compression
Calibrated in Tension**

±50 to ±100,000 lb
±200 N to ±450 kN

1 Newton = 0.2248 lb
1 daNewton = 10 Newtons
1 lb = 454 g
1 t = 1000 kg = 2204 lb

LC1102 = Cable Style
LC1112 = Connector Style

- ☑ **5-Point Calibration Included**
- ☑ **Dual Bridge Models Available**
- ☑ **High Accuracy**
- ☑ **FM and CSA Approved**
Intrinsically Safe Standard
- ☑ **FM and CSA Approved for**
Hazardous Locations -
Optional

**Models Available with
Built-In Amplifiers**

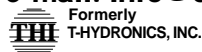
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**HIGH OUTPUT UNIVERSAL
CANISTER LOAD CELL**
Stainless Steel



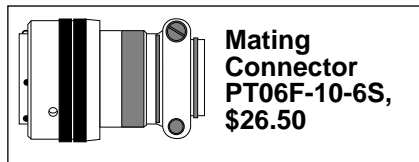
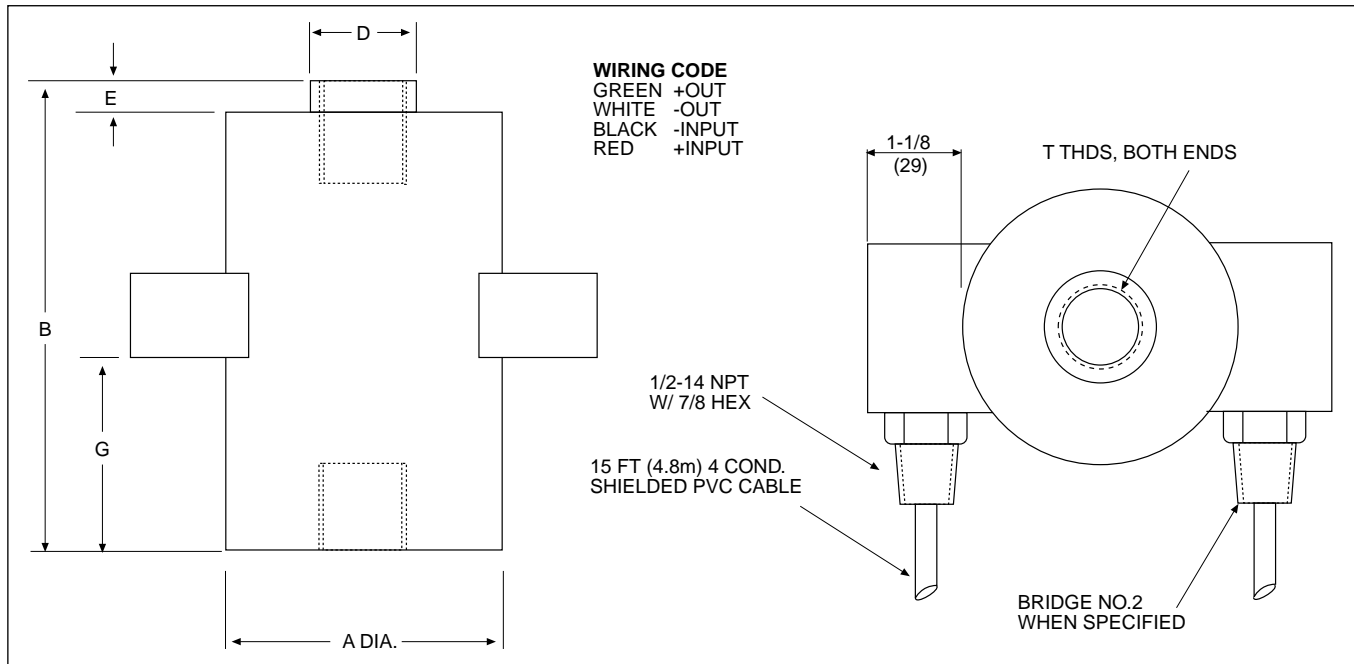
Model LC1102-100 \$995
Shown Smaller Than Actual Size

SPECIFICATIONS:
Output: 3 mV/V ±0.25 % FSO
Excitation: 10V ac/dc (15V Max)
Accuracy Class: 0.05% FSO
Linearity: ±0.05% FSO
Hysteresis: ±0.02% FSO
Repeatability: ±0.02% FSO
Zero Balance: ±1.0% FSO
Operating Temp. Range:
-24 to 79°C (-30 to 175°F)
Compensated Temp. Range :
16 to 71°C (60 to 160°F)
Thermal Effects: Zero: ±0.0015%
FSO/°F Span: ±0.0008% Rdg/°F

Safe Overload: 150 % of Capacity
Ultimate Overload: 300 % of Capacity
Bridge Resistance: 350 OHM
Full Scale Deflection: .003 to .005" typ
Construction: Stainless Steel.
Electrical: 15 ft. PVC Coated 4-
conductor shielded color coded cable.
Agency Approvals: FM/CSA
Intrinsically Safe: IS/I.II.III/1/CDEFG -
Standard
FM Hazardous Location: S/I/1/ABCD -
Must be specified at time of order

Printed On Recycled Paper





Note: 100,000 lb. capacity Load Cells are supplied with two eyebolts for easy handling.

Dimensions Shown in Inches (mm)

Capacity (lb)	A	B	D	E	G	T
50-300	3.5(89)	4.50(114)	.87(22)	.25(6.4)	3.00(76)	3/8-24 UNF x 3/8 DP
500-3,000	3.5(89)	4.56(116)	1.5(38)	.25(6.4)	1.25(32)	1/2-20 UNF x 1/2 DP
5,000-15,000	3.5(89)	5.94(151)	1.3(33)	.38(9.7)	1.81(71)	1-14 UNS x 1 1/4 DP
20,000-30,000	4.5(114)	8.5(216)	2.3(58)	.50(13)	2.81(197)	1 1/2 UNF x 2.0 DP
50,000	6.63(168)	11.44(291)	2.8(71)	.62(16)	3.19(81)	2-12 UN x 2 1/2 DP
100,000	8.63(219)	17.75(451)	4.0(102)	1.13(29)	4.94(125)	3-8 UN x 4 1/2 DP

► Most Popular Models Highlighted ◀

To Order: (Specify Model Number)								
Capacity (lb)	Cable Style	Connector Style	Price	Compatible Meters	Load Button Model	Price	Rod End Model	Price
±50	LC1102-50	LC1112-50	\$995	INFW, INFS, INFCS	LBC-038	\$40	REC-038M	\$20
±100	LC1102-100	LC1112-100	995	INFW, INFS, INFCS	LBC-038	40	REC-038M	20
±300	LC1102-300	LC1112-300	995	INFW, INFS, INFCS	LBC-038	40	REC-038M	20
±500	LC1102-500	LC1112-500	995	INFW, INFS, INFCS	LBC-012	40	REC-012M	35
±1,000	LC1102-1K	LC1112-1K	995	INFW, INFS, INFCS	LBC-012	40	REC-012M	35
±2,000	LC1102-2K	LC1112-2K	995	INFW, INFS, INFCS	LBC-012	40	REC-012M	35
±5,000	LC1102-5K	LC1112-5K	1150	INFW, INFS, INFCS	LBC-100	55	REC-100M	95
±10,000	LC1102-10K	LC1112-10K	1150	INFW, INFS, INFCS	LBC-100	55	REC-100M	95
±15,000	LC1102-15K	LC1112-15K	1150	INFW, INFS, INFCS*	LBC-100	55	REC-100M	95
±20,000	LC1102-20K	LC1112-20K	1300	INFW, INFS, INFCS*	LBC-112	70	REC-112M	150
±25,000	LC1102-25K	LC1112-25K	1300	INFW, INFS, INFCS*	LBC-112	70	REC-112M	150
±50,000	LC1102-50K	LC1112-50K	2035	INFW, INFS, INFCS*	LBC-200	114		
±100,000	LC1102-100K	LC1112-100K	2800	INFW, INFS, INFCS*	LBC-300	250		

Interchangeable with Model TH-UC

Metric Ranges Available - Consult Engineering

To order an FM Hazardous Location model add suffix "FM" to the part number, add \$150 to price.

To order a dual bridge version, add suffix "DUAL" to the part number, add \$250 to price.

Ordering Examples: 1.) LC1102-100K is a 100,000 lb capacity load cell, \$2800. 2.) LC1102-5K is a 5,000 lb capacity load cell, \$1150. 3.) LC1102-500-FM is a 500 lb capacity FM Hazardous Location rated load cell, \$995 + \$150 = \$1145. 4.) LC1102-100-DUAL is a DUAL output 100 lb capacity load cell \$995 + \$250 = \$1245.

* 4-Digit Meter, Counts by 10.

Custom Units Available with Built-in Amplifiers

Look for OMEGADYNE Products on the World Wide Web!

<http://www.omegadyne.com>

e-mail: info@omegadyne.com