



OMEGADYNE
LC701 / LC711 Series
Calibrated in Tension

0-100 to 0-2,000 lb

0-400 to 0-9,000 N

1 Newton = 0.2248 lb

1 daNewton = 10 Newtons

1 lb = 454 g

1 t = 1000 kg = 2204 lb

☑ **All Stainless Steel Construction**

☑ **Accuracy 0.15%**

☑ **Rugged Design for Industrial Applications**

The LC701 Tension Link has a 6 ft. (2m) cable with an MS style connector (mating connector included). The LC711 Series have an integral connector. These Stainless steel load cells are ideal for measuring in-line tension forces. Applications vary from cables on cranes, support rods in architectural designs, engine test beds, and industrial weighing applications.

SPECIFICATIONS:

Output: 3 mV/V ±0.1 % FSO

Excitation: 10 V ac/dc (15 V max)

Accuracy Class: 0.15% FSO

Linearity: ±0.10% FSO

Hysteresis: ±0.10% FSO

Repeatability: ±0.05% FSO

Zero Balance: ±±1.0% FSO

Operating Temp. Range:

-46 to 121°C (-50 to 250°F)

Compensated Temp. Range:

16 to 71°C (60 to 160°F)

For Sales and Service
In U.S.A. and Canada

1-800-872-3963SM
1-800-USA-DYNE

International Customers Dial

(614) 965-9340

24-Hour FAX (614) 965-9438

OMEGADYNESM FAX

OMEGADYNE's 24-Hour
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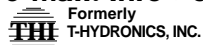
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OMEGADYNE, Inc.

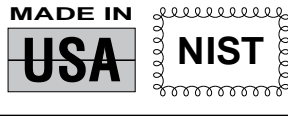
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SPEC SHEET
LC701

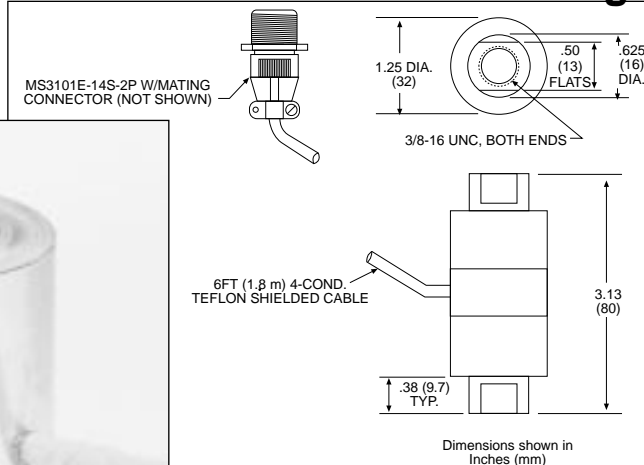
Interchangeable with
Model TH-LINK

LOW CAPACITY TENSION LINK
LOAD CELLS
Internal Thread Design

\$595
Model Shown



Model LC701-100
 Shown actual size



Wiring: Cable/MS Connector

Pin	Connection
A	-Output
B	-Input
C	+Input
D	+Output

Wiring: Integral DT02 Connector

Pin	Connection
A	+Output
B	-Output
C&E	-Input
D&F	+Input

Thermal Effects: Zero: ±0.0025% FSO/°F Span: ±0.004%% Rdg/°F
Safe Overload: 150 % of Capacity
Ultimate Overload: 300 % of Capacity
Bridge Resistance: 350 ohms
Full Scale Deflection: .001 to .004"
Construction: Stainless steel

Electrical:
LC701: 6 ft.(2m) Teflon insulated 4-conductor shielded cable with MS101E-2P connector. Mating connector included
LC711: DT02H-10-6P integral connector. Mating connector (not included) PT06F-10-6S \$26.50
Weight: 1lb (.45kg)

➔ **Most Popular Models Highlighted** ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Capacity (lb)	Model Number	Price	Compatible Meters
Cable Style			
➔ 0-100	LC701-100	\$595	INFW, INFS, INFCS
➔ 0-250	LC701-250	595	INFW, INFS, INFCS
➔ 0-750	LC701-750	595	INFW, INFS, INFCS
➔ 0-1,000	LC701-1K	595	INFW, INFS, INFCS
➔ 0-2,000	LC701-2K	595	INFW, INFS, INFCS
Integral Connector Style			
➔ 0-100	LC711-100	\$595	INFW, INFS, INFCS
➔ 0-250	LC711-250	595	INFW, INFS, INFCS
➔ 0-750	LC711-750	595	INFW, INFS, INFCS
➔ 0-1,000	LC711-1K	595	INFW, INFS, INFCS
➔ 0-2,000	LC711-2K	595	INFW, INFS, INFCS

Interchangeable with Model TH-LINK

Metric Ranges Available-Consult Engineering.

Ordering Example: 1.) LC701-1K is a 1,000lb capacity tension link with 6 ft cable and matching connector, \$595. 2.) LC711-250 is a 250lb capacity tension link with integral connector, \$595. Mating connector (not included) PT06F-10-6S, \$26.50

Printed On Recycled Paper

