

Miniature Load Cell 2" diameter All Stainless Steel with Back Mounting Holes LC305 and LC315 Series



- ✓ 5-Point NIST Traceable Calibration with 59 kOhm Shunt Cal Data
- ✓ LC305 Cable Style, LC315 Connector Style
- ✓ 0.25% Interchangeability for Scale Applications
- ✓ Rugged, Heavy Duty Design
- ✓ Built-in Load Button for Easy Installation

NEWPORT's LC305 and LC315 Series Load Cell is a heavy duty miniature (2" diameter) compression load cell. Its small size and low profile make it ideal for test benches, prototype structures and industrial weighing applications. LC305 models have a cable connection and LC315 Models have a twist lock connector on the body.

The LC305 is also available in metric configurations, with ranges from 0-100 to 0-50,000 N. Please contact our Pressure department for more information.

Product Selection (Specify Model Number, see variations below in partnumber builder table)		
Part Number	Description	Qty.
Cable Style --- 3 m (10 ft) cable		
LC305-25	Miniature compression load cell, 0-25 lb	
LC305-50	Miniature compression load cell, 0-50 lb	
LC305-100	Miniature compression load cell, 0-100 lb	
LC305-200	Miniature compression load cell, 0-200 lb	
LC305-300	Miniature compression load cell, 0-300 lb	
LC305-500	Miniature compression load cell, 0-500 lb	

LC305-1K	Miniature compression load cell, 0-1,000 lb
LC305-2K	Miniature compression load cell, 0-2,000 lb
LC305-2.5K	Miniature compression load cell, 0-2,500 lb
LC305-5K	Miniature compression load cell, 0-5,000 lb
LC305-8K	Miniature compression load cell, 0-8,000 lb
LC305-8K-30FT	Miniature compression load cell, 0-8,000 lb with 30 FT cable
LC305-8K-50FT	Miniature compression load cell, 0-8,000 lb with 50 FT cable
LC305-10K	Miniature compression load cell, 0-10,000 lb
LC305-20K	Miniature compression load cell, 0-20,000 lb

Connector Style --- Mating connector sold separately

LC315-25	Miniature compression load cell, 0-25 lb, Connector Style
LC315-50	Miniature compression load cell, 0-50 lb, Connector Style
LC315-100	Miniature compression load cell, 0-100 lb, Connector Style
LC315-200	Miniature compression load cell, 0-200 lb, Connector Style
LC315-300	Miniature compression load cell, 0-300 lb, Connector Style
LC315-500	Miniature compression load cell, 0-500 lb, Connector Style
LC315-1K	Miniature compression load cell, 0-1,000 lb, Connector Style
LC315-2K	Miniature compression load cell, 0-2,000 lb, Connector Style
LC315-2.5K	Miniature compression load cell, 0-2,500 lb, Connector Style
LC315-5K	Miniature compression load cell, 0-5,000 lb, Connector Style
LC315-8K	Miniature compression load cell, 0-8,000 lb, Connector Style
LC315-10K	Miniature compression load cell, 0-10,000 lb, Connector Style
LC315-20K	Miniature compression load cell, 0-20,000 lb, Connector Style

Accessories & Compatible Meters

PT06F10-6S	Mating Connector for LC315 Series
CA-4PC24-2-015	15 foot 4 wire cable assembly for LC315 load cells (not included)
DP25B-S	4-Digit Strain Meter with Excitation
DP41-S	6-Digit Strain Meter with Excitation



Part Number Builder

	(1)		(2)
LC	305	-	25

Option Descriptions

(1) Cable or Connector Style
Select
305 for Cable Style
315 for Connector Style

(2)
Select
25 for 25 lb range
50 for 50 lb range
100 for 100 lb range
200 for 200 lb range
300 for 300 lb range
500 for 500 lb range
750 for 750 lb range
1K for 1000 lb range
2K for 2000 lb range
2.5K for 2500 lb range
4K for 4000 lb range
5K for 5000 lb range
8K for 8000 lb range
10K for 10000 lb range
20K for 20000 lb range

NOTE: All combinations may not be valid, check spec sheet for valid part numbers.