

0.75" DIAMETER STAINLESS STEEL COMPRESSION LOAD CELL 0-25 TO 0-1,000 LB CAPACITIES



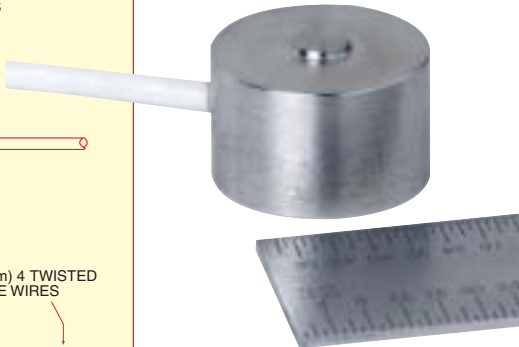
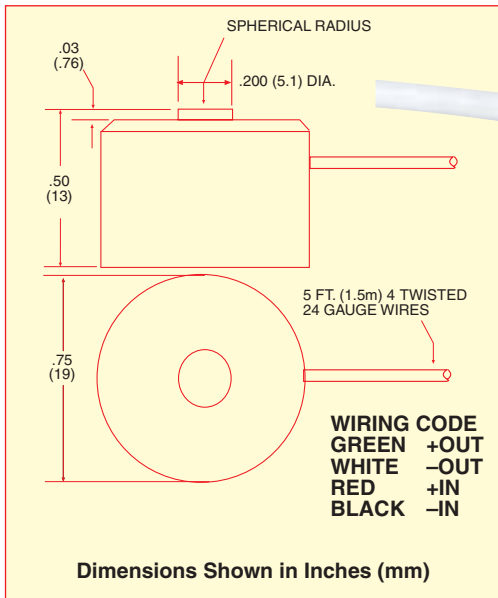
LC302
\$295
Model Shown



LC302 Series
Compression
0-25 lb to 0-1,000 lb
0-100 N to 0-4,500 N

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

- ✓ Small 0.75" (19 mm) Dia.
- ✓ Low 0.5" (13 mm) Profile
- ✓ Robotic and Test Bench Applications
- ✓ Built in Load Button for Easy Installation
- ✓ 5-Point Traceable Calibration Provided



Model LC302-50
Shown larger than actual size
with DP25-S panel meter, \$245,
see Section D for full details

The LC302 Series is only 3/4" (19 mm) in diameter and fits in the smallest places. Its high $\pm 0.5\%$ accuracy and small package solve many industrial force measurement applications. All stainless steel construction and high quality strain gage assures long term reliability in industrial environments.

Bridge Resistance: 350 Ω minimum
Construction: Stainless Steel
Electrical:
5 ft (1.5 m) 4 twisted 24 ga. color coded, insulated wires

SPECIFICATIONS:

Excitation: 10 Vdc, 15 Vdc max
Output: 1 mV/V (nominal)
Accuracy: $\pm 0.5\%$ FSO Linearity, Hysteresis, Repeatability Combined

5-Point Calibration:
0%, 50%, 100%, 50%, 0%

Zero Balance: $\pm 2\%$ FSO

Operating Temp Range:
-54 to 107°C (-65 to 225°F)

Compensated Temp Range:
16 to 71°C (60 to 160°F)

Thermal Effects:

Zero: 0.005% FSO/°F

Span: 0.02% FSO/°F

Safe Overload: 150% of Capacity

Ultimate Overload: 300% of Capacity

Most Popular Models Highlighted

To Order (Specify Model Number)

CAPACITY (lb)	MODEL NO.	PRICE	COMPATIBLE METERS*
0 to 25	LC302-25	\$295	DP41-W, DP41-S, DP25-S
0 to 50	LC302-50	295	DP41-W, DP41-S, DP25-S
0 to 100	LC302-100	295	DP41-W, DP41-S, DP25-S
0 to 250	LC302-250	295	DP41-W, DP41-S, DP25-S
0 to 500	LC302-500	295	DP41-W, DP41-S, DP25-S
0 to 1,000	LC302-1K	295	DP41-W, DP41-S, DP25-S

Metric Ranges Available - Consult Engineering

*See Section D For Compatible Meters

Ordering Examples:

- 1) LC302-25 is a 25 lb capacity load cell, \$295.
- 2) LC302-100 is a 100 lb capacity load cell, \$295.