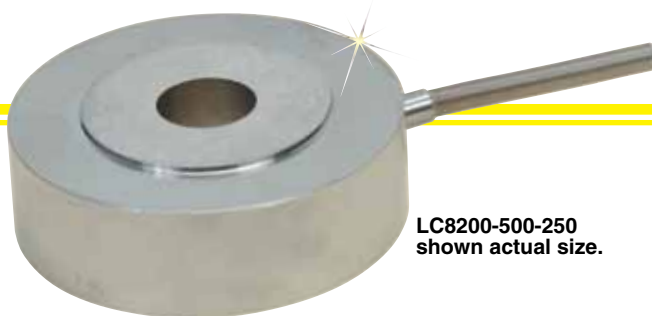


COMPACT THROUGH-HOLE LOAD CELLS

2.00" OD

Compression
0-5 lb to 0-10,000 lb
0-2.3 kgf to 0-4537 kgf

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

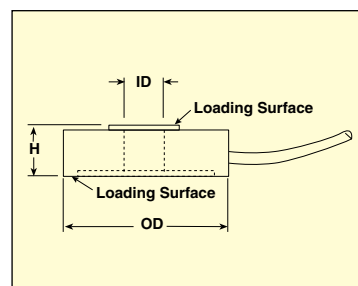


LC8200-500-250
shown actual size.

Dimensions: mm (inch)

CAPACITY	OD	H
5 to 100 lb	51 (2.00)	9.4 (0.37)
250 to 10k lb	51 (2.00)	16 (0.63)

WIRE	CONNECTION
GN	+Output
WT	-Output
BK	-Input
RD	+Input



LC8200 Series



- ✓ Low Profile
- ✓ All Stainless Steel Construction
- ✓ Rugged Industrial Design

SPECIFICATIONS

Output: 2 mV/V nominal

Input: 10 Vdc (15V maximum)

Linearity: ±0.5% FSO

Repeatability: ±0.1% FSO

Zero Balance: ±2.0% FSO

Operating Temp Range:

-54 to 121°C (-65 to 250°F)

Compensated Temp Range:

16 to 71°C (60 to 160°F)

Thermal Effects:

Zero: ±0.009% FSO/°C

Span: ±0.036% rdg/°C

Safe Overload: 150% of capacity

Ultimate Overload: 300% of capacity

Input Resistance: 360 Ω minimum

Output Resistance: 350 ±5 Ω

Full Scale Deflection: 0.003" nominal

Construction: 17-4 PH stainless steel

Electrical: 1.5 m (5') 4-conductor shielded cable

AVAILABLE INSIDE DIAMETERS (ID) + = MOST POPULAR X = AVAILABLE

ID CODE	125	188	250	375	500	625	750	875	1.00
CAPACITY	0.125"	0.188"	0.250"	0.375"	0.500"	0.625"	0.750"	0.875"	1.00"
5	X	X	X	X	X	+			
10	X	X	X	X	X	X			
25	X	X	X	X	X	X			
50	X	X	X	X	X	+			
100	X	X	X	X	X	X			
250	X	X	X	X	X	+	X	X	
500	X	X	X	X	X	+	X	X	X
1000	X	X	X	X	X	X	X	X	X
2000		X	X	X	X	X	X	X	X
3000			X	X	X	+	X	X	
5000			X	X	X	+	X		
7500				X	X				
10,000				X	X				

Also available in metric configurations, consult engineering for details.

To Order

CAPACITY		MODEL NO.	COMPATIBLE METERS**
Model LC8200 with a 2.00" OD and Selectable ID			
5 lb	2.3 kgf	LC8200-[*]-5	DP41-S, DP25B-S, DPiS
10 lb	4.5 kgf	LC8200-[*]-10	DP41-S, DP25B-S, DPiS
25 lb	11 kgf	LC8200-[*]-25	DP41-S, DP25B-S, DPiS
50 lb	23 kgf	LC8200-[*]-50	DP41-S, DP25B-S, DPiS
100 lb	45 kgf	LC8200-[*]-100	DP41-S, DP25B-S, DPiS
250 lb	114 kgf	LC8200-[*]-250	DP41-S, DP25B-S, DPiS
500 lb	227 kgf	LC8200-[*]-500	DP41-S, DP25B-S, DPiS
1000 lb	455 kgf	LC8200-[*]-1K	DP41-S, DP25B-S, DPiS
2000 lb	909 kgf	LC8200-[*]-2K	DP41-S, DP25B-S, DPiS
3000 lb	1361 kgf	LC8200-[*]-3K	DP41-S, DP25B-S, DPiS
5000 lb	2269 kgf	LC8200-[*]-5K	DP41-S, DP25B-S, DPiS
7500 lb	3403 kgf	LC8200-[*]-7.5K	DP41-S, DP25B-S, DPiS
10,000 lb	4537 kpf	LC8200-[*]-10K	DP41-S, DP25B-S, DPiS

Comes complete with 5-point NIST-traceable calibration and 59 kΩ shunt data.

** Visit us online for compatible meters.

[*] Select ID Code from table above to complete model number.

Ordering Examples: LC8200-125-250, 250 lb capacity load cell, 0.125" ID.

LC8200-250-1K, 1000 lb capacity load cell with 0.250" ID.

LC8200-1.00-2K, 2000 lb capacity load cell with 1.00" ID.