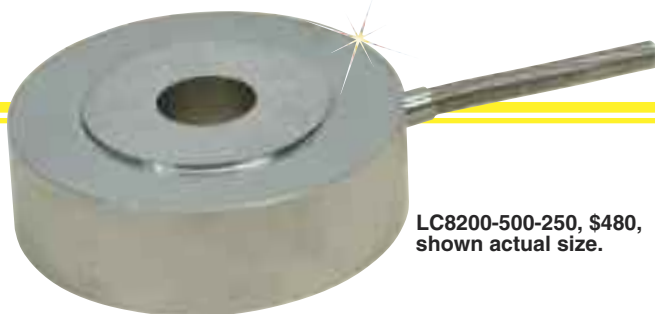


COMPACT THROUGH-HOLE LOAD CELLS

2.00" OD



LC8200-500-250, \$480, shown actual size.

See Section Y for a Selection of Scientific, Technical, and Reference Books Available from omega.com

LC8200 Series

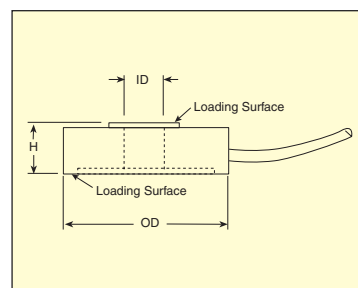
Compression
0-5 lb to 0-10,000 lb
0-2.3 kgf to 0-4537 kgf

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

Dimensions: mm (in)

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



All Models
\$480



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

SPECIFICATIONS

Output: 2 mV/V nominal
Input: 10 Vdc (15V max)
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.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)				
CAPACITY	MODEL NO.	PRICE	COMPATIBLE METERS**	
Model LC8200 with a 2.00" OD and Selectable ID				
5 lb	2.3 kgf	LC8200-[*]-5	\$480	DP41-S, DP25B-S, DPiS
10 lb	4.5 kgf	LC8200-[*]-10	480	DP41-S, DP25B-S, DPiS
25 lb	11 kgf	LC8200-[*]-25	480	DP41-S, DP25B-S, DPiS
50 lb	23 kgf	LC8200-[*]-50	480	DP41-S, DP25B-S, DPiS
100 lb	45 kgf	LC8200-[*]-100	480	DP41-S, DP25B-S, DPiS
250 lb	114 kgf	LC8200-[*]-250	480	DP41-S, DP25B-S, DPiS
500 lb	227 kgf	LC8200-[*]-500	480	DP41-S, DP25B-S, DPiS
1000 lb	455 kgf	LC8200-[*]-1K	480	DP41-S, DP25B-S, DPiS
2000 lb	909 kgf	LC8200-[*]-2K	480	DP41-S, DP25B-S, DPiS
3000 lb	1361 kgf	LC8200-[*]-3K	480	DP41-S, DP25B-S, DPiS
5000 lb	2269 kgf	LC8200-[*]-5K	480	DP41-S, DP25B-S, DPiS
7500 lb	3403 kgf	LC8200-[*]-7.5K	480	DP41-S, DP25B-S, DPiS
10,000 lb	4537 kgf	LC8200-[*]-10K	480	DP41-S, DP25B-S, DPiS

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

** See section D 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, \$480.

LC8200-250-1K, 1000 lb capacity load cell with 0.250" ID, \$480.

LC8200-1.00-2K, 2000 lb capacity load cell with 1.00" ID, \$480.