

COMPACT THROUGH-HOLE LOAD CELLS 2.00" OD



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

LC8200 Series Compression 0-5 lb to 0-10,000 lb 0-2.3 kg to 0-4537 kg

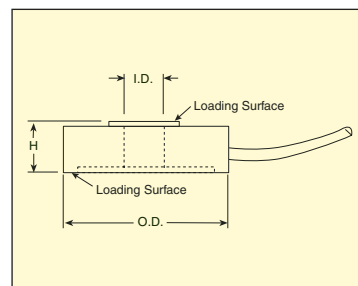
1 Newton = 0.2248 lb
1 daNewton = 10 Newtons
1 lb = 454 g
1 t = 1000 kg = 2204 lb



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 (15 V 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
Protection Class: IP65

AVAILABLE INSIDE DIAMETERS (ID)									
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	X			
10	X	X	X	X	X	X			
25	X	X	X	X	X	X			
50	X	X	X	X	X	X			
100	X	X	X	X	X	X			
250	X	X	X	X	X	X	X	X	
500	X	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	X	
5000			X	X	X	X	X		
7500				X	X				
10,000				X	X				

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 kg	LC8200-[*]-5	\$480
10 lb	4.5 kg	LC8200-[*]-10	480
25 lb	11 kg	LC8200-[*]-25	480
50 lb	23 kg	LC8200-[*]-50	480
100 lb	45 kg	LC8200-[*]-100	480
250 lb	114 kg	LC8200-[*]-250	480
500 lb	227 kg	LC8200-[*]-500	480
1000 lb	455 kg	LC8200-[*]-1K	480
2000 lb	909 kg	LC8200-[*]-2K	480
3000 lb	1361 kg	LC8200-[*]-3K	480
5000 lb	2269 kg	LC8200-[*]-5K	480
7500 lb	3403 kg	LC8200-[*]-7.5K	480
10,000 lb	4537 kg	LC8200-[*]-10K	480

Comes with 5-point NIST-traceable calibration.

* See section D for compatible meters.

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

Ordering Examples: LC8200-125-250, 250 lb capacity load cell, 2.00" OD and 0.125" ID, \$480. LC8200-250-1K, 1000 lb capacity load cell with 2.00" OD and 0.250" ID, \$480. LC8200-100-2K, 2000 lb capacity load cell with 2.00" OD and 1.00" ID, \$480.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
OP-17	\$15	Reference Book: Measure for Measure

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters