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

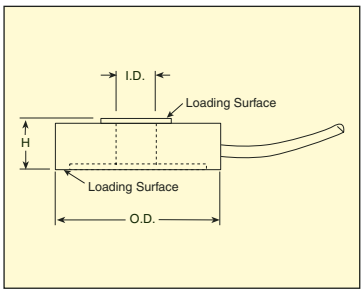
1 Newton = 0.2248 lb
1 daNewton = 10 Newtons
1 lb = 454 g
1 t = 1000 kg = 2204 lb



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

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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				

- 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

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**	DP41-S, DP25B-S, DPiS
10 lb	4.5 kg	**LC8200-[*]-10**	**480**	DP41-S, DP25B-S, DPiS
25 lb	11 kg	**LC8200-[*]-25**	**480**	DP41-S, DP25B-S, DPiS
50 lb	23 kg	**LC8200-[*]-50**	**480**	DP41-S, DP25B-S, DPiS
100 lb	45 kg	**LC8200-[*]-100**	**480**	DP41-S, DP25B-S, DPiS
250 lb	114 kg	**LC8200-[*]-250**	**480**	DP41-S, DP25B-S, DPiS
500 lb	227 kg	**LC8200-[*]-500**	**480**	DP41-S, DP25B-S, DPiS
1000 lb	455 kg	**LC8200-[*]-1K**	**480**	DP41-S, DP25B-S, DPiS
2000 lb	909 kg	**LC8200-[*]-2K**	**480**	DP41-S, DP25B-S, DPiS
3000 lb	1361 kg	**LC8200-[*]-3K**	**480**	DP41-S, DP25B-S, DPiS
5000 lb	2269 kg	**LC8200-[*]-5K**	**480**	DP41-S, DP25B-S, DPiS
7500 lb	3403 kg	**LC8200-[*]-7.5K**	**480**	DP41-S, DP25B-S, DPiS
10,000 lb	4537 kg	**LC8200-[*]-10K**	**480**	DP41-S, DP25B-S, DPiS

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

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

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• Pressure, Strain and Force

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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

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