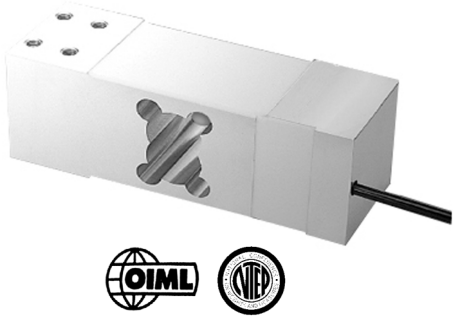
Low-Profile Off Center Single Point



FEATURES

- Cost-effective load cell for scales of simple construction
- Anodized aluminum alloy
- NTEP Class III 5000S approval from 100kg to 500kg
- OIML C3 approval from 100kg to 500kg
- OIML C6 approval from 500kg to 1000kg
- Platform size:16" x 24"/40cm x 60cm

DESCRIPTION

LOC is a single-point low profile load cell designed for platform scales and hanging scales. It is a cost-effective load cell for scales of simple construction.

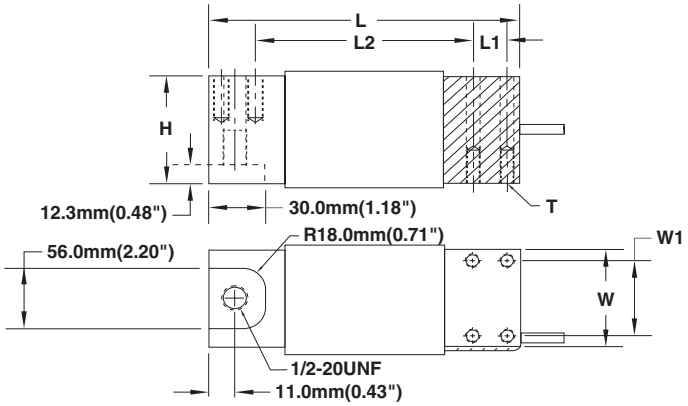
LOC is constructed of anodized aluminum, and is environmentally sealed up to IP65 levels providing excellent protection against moisture and humidity.

APPLICATIONS

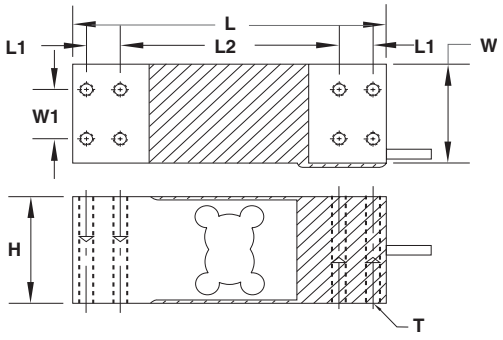
- Platform scales (single load cell)
- Packaging machines
- Dosing / filling
- Belt scales / conveyor scales
- In-motion check weigher

OUTLINE DIMENSIONS

100-635kg ALE
800-1000kg A
Cable Length: 10'/3m
Platform Size:
16"x24"/ 40cmx60cm



100-635kg
Cable Length: 6.7'/2m
Platform Size:
16"x24"/ 40cmx60cm



CAPACITY (kg)		L	L1	L2	W	W1	H	T
100/ 150/ 250/ 300/ 500 /635	mm	174.0	19.0	122.0	60.0	30.0	65.0	M8x1.25
	(inch)	6.85	0.75	4.80	2.36	1.18	2.56	5/16-18UNC
100ALE/ 150ALE/ 250ALE/ 300ALE/ 500ALE/ 635ALE/ 800A/ 1000A	mm	191.0	25.0	125.0	76.2	60.0	75.0	
	(inch)	7.52	0.98	4.92	3.00	2.36	2.95	5/16-18UNC
* LE: Large Envelope A:American Standard Thread								

SPECIFICATIONS

Capacity	Standard	OIML C3	NTEP Class III 5000S
	100, 150, 250, 300, 500, 635, 800, 1000 kg	100, 150, 250, 300, 500 kg	100, 150, 250, 300, 500 kg
Recommended Excitation	10 V AC/DC		
Maximum Excitation	15 V AC/DC		
Output at Rated Load	2 mV/V ± 10%		
Non linearity	0.025%	0.02%	0.020%
Hysteresis Error	0.025%	0.02%	0.020%
Non Repeatability	0.02%		
Creep (20 minutes)	0.03%	0.02%	0.025%
Zero Return (20 minutes)	0.03%	0.02%	0.025%
Temp. Effect/10°C on Span	0.015%	0.0084%	0.010%
Temp. Effect/10°C on Zero	0.026%	0.014%	0.022%
Compensated Temp. Range	-10°C to 40°C		
Operating Temp. Range	-20°C to 60°C		
Zero Balance	±3%		
Input Resistance	410 ± 10Ω		
Output Resistance	350 ± 3Ω	350 ± 3Ω	350 ± 3Ω
Insulation Resistance (50VDC)	>5000MΩ		
Deflection at Rated Load	<1mm		
Safe Overload	150%		
Ultimate Overload	200%		
Mininum Dead Load (%)		0	4
Vmin (% %)		1	1.6

All specifications listed subject to change without notice.

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