

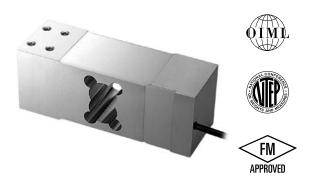
# Low Profile Off-Center Single-Point

#### **FEATURES**

- Capacities: 5 to 1000 kg
- Cost-effective load cell for scales of simple construction
- · Anodized aluminum alloy
- NTEP Class III 5000S approval from 5 kg to 500 kg
- OIML C3 approval from 5 kg to 500 kg
- OIML C6 approval from 500 kg to 1000 kg
- Platform size: 16" x 24"/40 cm x 60 cm
- Optional
  - FM approval available

#### **APPLICATIONS**

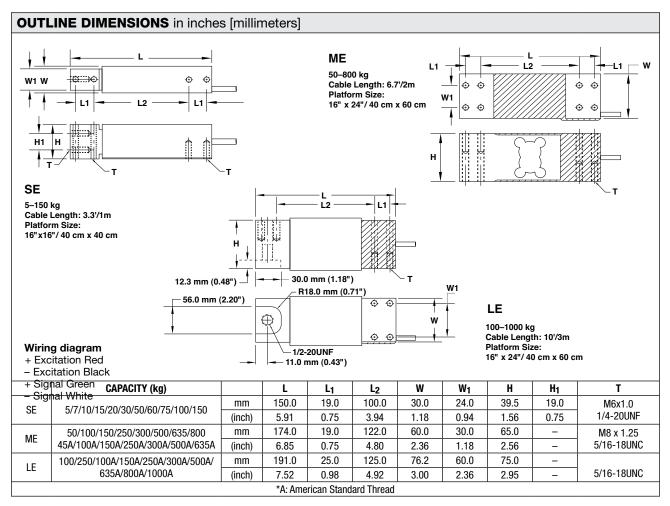
- Platform scales (single load cell)
- Packaging machines
- Dosing/filling
- Belt scales/conveyor scales
- · In-motion check weigher



#### **DESCRIPTION**

LOC is a low profile single-point 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 IP66 levels providing excellent protection against moisture and humidity.





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## Low Profile Off-Center Single-Point

SPECIFICATIONS					
PARAMETER	VALUE				UNIT
NTEP/OIML accuracy class	NTEP III	Non-Approved	C3	C6	
Maximum no. of intervals (n)	5000 single*	1000	3000**	6000***	
Y = E <sub>max</sub> /V <sub>min</sub>	8000	1400	10000	12000	Maximum available
Standard capacities (E <sub>max</sub> )	5, 7, 10, 15, 20, 30, 50, 60, 75, 100, 150, 250, 300, 500, 635, 800, 1000				kg
Rated output – R.O.	2.0				mV/V
Rated output tolerance	10				±% of rated output
Zero balance	1				±% of rated output
Non-linearity	0.020	0.025	0.020	0.015	±% of rated output
Hysteresis	0.020	0.025	0.020	0.015	±% of rated output
Non-repeatability	0.020				±% of rated output
Creep error (20 minutes)	0.025	0.030	0.020	0.015	±% of rated output
Zero return (20 minutes)	0.025	0.030	0.020	0.015	±% of rated output
Temperature effect on min. dead load output	0.0022	0.0026	0.0014	0.0012	±% of rated output/°C
Temperature effect on sensitivity	0.0010	0.0015	0.008	0.008	±% of applied output/°C
Compensated temperature range	-10 to +40				°C
Operating temperature range	–20 to +60				°C
Safe overload	150				% of R.C.
Ultimate overload	200				% of R.C.
Excitation, recommended	10				VDC or VAC RMS
Excitation, maximum	15				VDC or VAC RMS
Input impedance	410±10				Ω
Output impedance	350±3				Ω
Insulation resistance	>5000				ΜΩ
Construction	Anodized aluminum				
Environmental protection	IP66				

<sup>\*</sup> Capacities 5-500 kg

All specifications subject to change without notice.

#### FM Approval

Intrinsically Safe: Class I, II, III; Div. 1 Groups A-G Non-Incendive: Class I; Div. 2 Groups A-D

<sup>\*\*</sup> Capacities 5-500 kg

<sup>\*\*\*</sup> Capacities 500-1000 kg





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