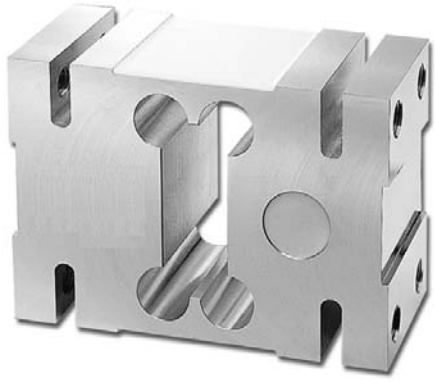
High Capacity Off-Center Single-Point Load Cell

FEATURES

- Capacities: 750, 1000, and 2000 kg
- Fully sealed for water resistance
- Side mount construction
- Anodized aluminum alloy
- OIML C3 approval
- Platform size: 48” x 48”/120 cm x 120 cm
- **Optional**
  - FM approval available



APPLICATIONS

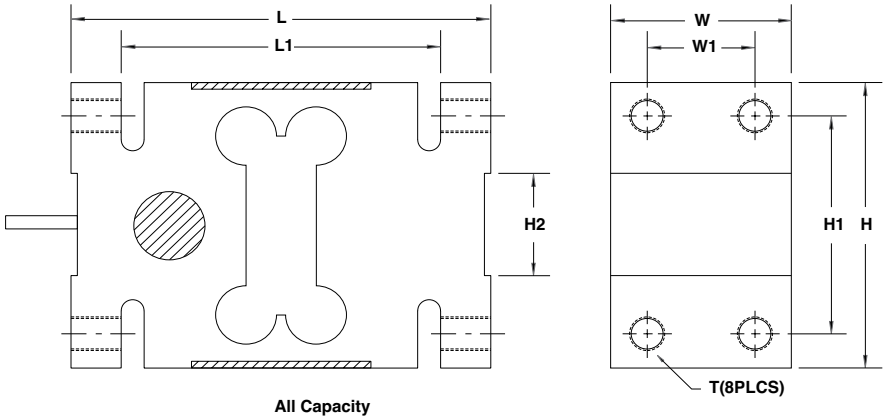
- Platform scales (single load cell)
- Packaging machines
- Dosing/filling
- Belt scales/conveyor scales

DESCRIPTION

HOC is a single-point load cell of side mount construction designed for platform scales, and hanging scales. It is a cost-effective load cell for scales of simple construction.

HOC is constructed of anodized aluminum, and is environmentally sealed up to IP66 providing excellent protection against moisture and humidity.

OUTLINE DIMENSIONS



All Capacity
Cable Length: 10'/3.1m
Platform Size: 48" x 48"/120 cm x 120 cm

Wiring

+ Excitation	Red
– Excitation	Black
+ Signal	Green
– Signal	White

CAPACITY (kg)		L	L_1	W	W_1	H	H_1	H_2	T
750/1000/2000	mm	176.0	134.5	76.0	46.0	125.0	95.0	45.0	M16 x 2.0
	(inch)	6.93	5.30	2.99	1.81	4.92	3.74	1.77	

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SPECIFICATIONS			
PARAMETER	**VALUE**		**UNIT**
NTEP/OIML accuracy class	Non-Approved	C3	
Maximum no. of intervals (n)	1000	3000	
Y = E_{max}/V_{min}	5000	10000	Maximum available
Standard capacities (E_{max})	750, 1000, 2000		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	0.015	±% of rated output
Hysteresis	0.020	0.015	±% of rated output
Non-repeatability	0.020		±% of rated output
Creep error (20 minutes)	0.030	0.020	±% of rated output
Zero return (20 minutes)	0.030	0.020	±% of rated output
Temperature effect effect on min. dead load output	0.0026	0.014	±% of rated output/°C
Temperature effect on sensitivity	0.0015	0.008	±% of applied load/°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		MΩ
Construction	Anodized aluminum		
Environmental protection	IP66		

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

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