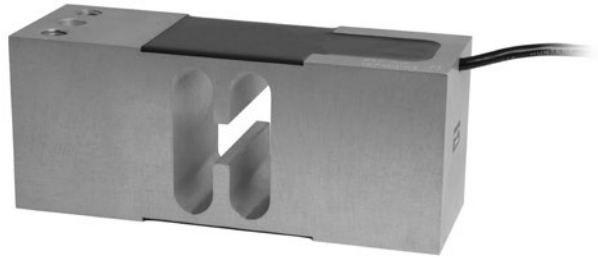
Aluminum High Capacity Single-Point Load Cell

FEATURES

- Capacities 100–250 kg
- Aluminum construction
- Single-point 400 x 400 mm platform
- IP66 protection
- Available with metric threads



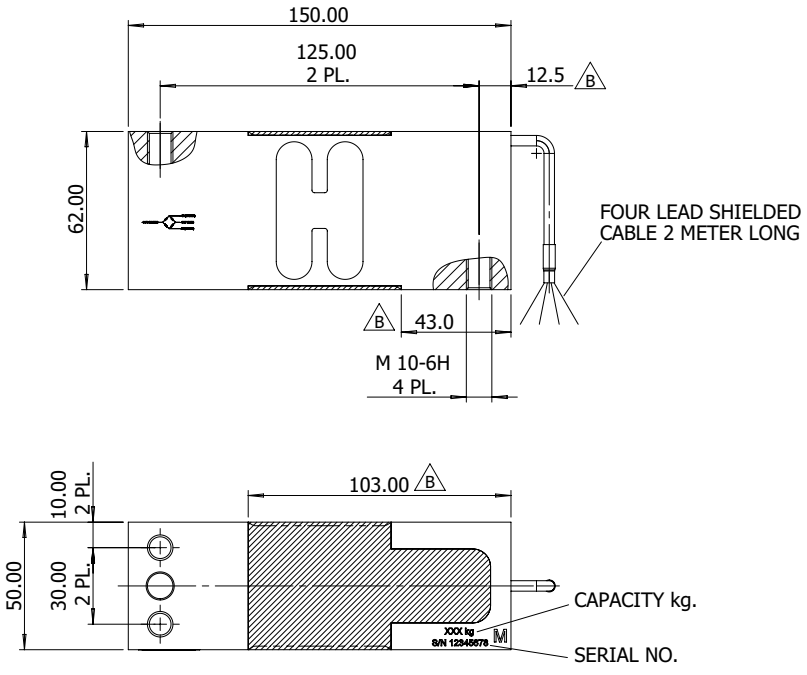
APPLICATIONS

- Large platform scales
- Hanging scales
- Check weighing

DESCRIPTION

Model 1262 is a high performance, high capacity single-point load cell designed for direct mounting of large weighing platforms.

OUTLINE DIMENSIONS in millimeters



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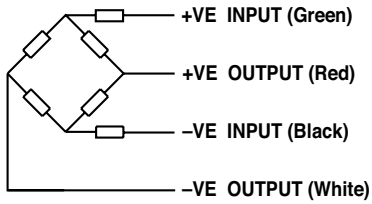
SPECIFICATIONS		
PARAMETER	**VALUE**	**UNIT**
Rated capacity—R.C. (E_{max})	100, 250	kg
Accuracy class	C1	
Rated output—R.O.	2.0	mV/V
Rated output tolerance	0.5	±mV/V
Zero balance	0.1	±mV/V
Zero return, 30 min.	0.05	±% of applied load
Total error	0.03	±% of rated output
Temperature effect on zero	0.008	±% of rated output/°C
Temperature effect on output	0.003	±% of applied load/°C
Eccentric loading error	0.0035	±% of rated load/cm
Temperature range, compensated	–10 to +50	°C
Temperature range, safe	–30 to +70	°C
Maximum safe central overload	150	% of R.C.
Ultimate central overload	300	% of R.C.
Excitation, recommended	10	VDC or VAC RMS
Excitation, maximum	15	VDC or VAC RMS
Input impedance	415±15	Ω
Output impedance	350±3	Ω
Insulation resistance	>2000	MΩ
Cable length	2	m
Cable type	4 conductors, 26 AWG, shielded, PVC jacket	Standard
Construction	Aluminum	
Environmental protection	IP66	
Platform size (max)	400 x 400	mm

All specifications subject to change without notice.

WIRING SCHEMATIC DIAGRAM



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