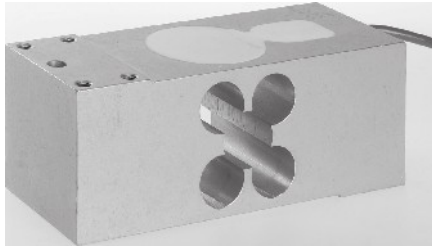


Aluminum Single Point Load Cell



FEATURES

- Capacities 75 - 635kg
- Aluminum construction
- Single point 800 x 800mm platform
- IP65 protection
- 6 - wire (sense) circuit
- Available in metric or UNC threads

Model 1252 is a high capacity single point load cell fully interchangeable with model 1250, designed for direct mounting of the weighing platform or side cell applications.

Resulting from simpler scale construction Model 1252 is a cost-effective load cell for use in counting, weighing, bench or floor scale productions.

A special humidity-resistant protective coating assures long-term stability over the entire compensated temperature

range. This load cell has Factory Mutual approval and IP65 protection.

The two additional sense wires feed back the voltage reaching the load cell. Complete compensation of change in the lead wires resistance, due to temperature change and/or cable extension, is achieved by feeding this voltage into the appropriate electronics.

SPECIFICATION			
GRADE	E	C3**	UNITS
Rated Capacities	75, 100, 150, 200, 300, 500, 635		kg
Rated Output	2.0 ± 10%		mV/V
Total Error	0.03	0.02	± % of rated output
Zero Return after 30 mins	0.05	0.017	± % of applied load
Temperature Effect: On Output On Zero	0.003	0.001	± % of applied load/ °C
	0.01	0.0023	± % of rated output/ °C
Eccentric Loading Error	0.005	0.0033	± % of applied load/cm
Zero Balance	10		± % of rated output
Temperature Range: Operating Compensated	- 30 to + 70		°C
	- 10 to + 40		°C
Safe Overload	150		% of rated capacity
Ultimate Overload	300		% of rated capacity
Excitation: Recommended Maximum	10		Volts AC or DC
	15		Volts AC or DC
Input Impedance	415 ± 15		Ohms
Output Impedance	350 ± 3		Ohms
Insulation Impedance	> 2000		MegaOhms
Deflection at Rated Capacity (Central Loading)	< 0.6		mm
Weight	2.5		kg
Construction	Aluminum		
Environmental Protection	IP65		
Cable	3 Meter Shielding Polyurethane Jacket		
Platform Size	600 x 600		mm

Aluminum Single Point Load Cell

DIMENSIONS in millimeters

