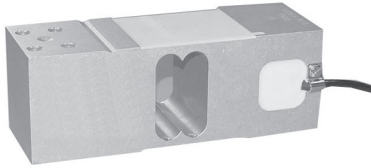


## Aluminum High Capacity Single Point Load Cell



### FEATURES

- Capacities 50 - 635kg
- Aluminum construction
- Single point 700 x 700mm platform
- IP67 protection
- Anodize for better environmental protection

Model 1263 is a high performance, high capacity single point load cell designed for direct mounting of large weighing platforms.

The rugged construction offers high immunity to side forces making it suitable for a wide range of weighing applications,

including bench scales, check weighing and process weighing.

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

The 1263 provides scale manufacturers with a high accuracy low cost sensor to meet today's needs.

SPECIFICATION			
GRADE	E	C3**	UNITS
Rated Capacities	50, 100, 150, 200, 250, 300, 500, 635		kg
Rated Output	2.0 ± 10%		mV/V
Total Error*	0.030	0.020	± % of rated output
Zero Return after 30 mins	0.050	0.017	± % of applied load
Temperature Effect: On Output On Zero	0.0030	0.0010	± % of applied load/°C
	0.0100	0.0040	± % of rated output/°C
Eccentric Loading	0.0042	0.0028	± % of applied load/cm
Zero Balance	2.5		± % of rated output
Temperature Range: Operating Compensated	- 30 to + 70		°C
	- 10 to + 40		°C
Safe Overload	150		% of rated capacity
Ultimate Overload	250		% of rated capacity
Excitation: Recommended Maximum	10		Volts AC or DC
	15		Volts AC or DC
Input Impedance	405 ± 15		Ohms
Output Impedance	350 ± 3		Ohms
Insulation Impedance	> 5000		MegaOhms
Deflection at Rated Capacity	< 0.4		mm
Weight: All Types	1.6		kg
Construction	Anodized Aluminum		
Environmental Protection	IP67		
Cable	1.5 meters (standard), 4 wire, PVC jacket, dual floating screen 6 wire, available on request		
Platform	700 x 700		mm

Total Error - According to OIML R60

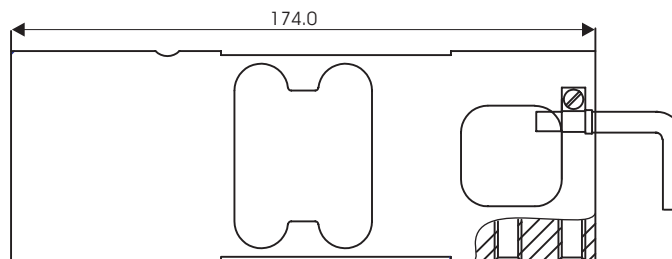
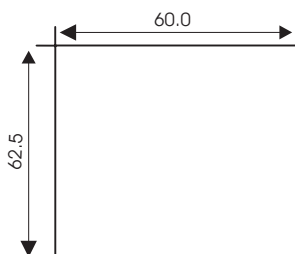
Recommended torque 16 Nm

\*\*Approval in progress

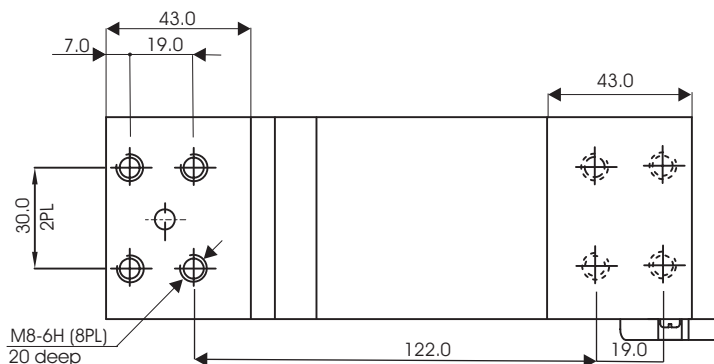
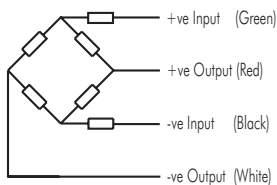
Aluminum High Capacity Single Point Load Cell

**DIMENSIONS** in millimeters

All dimensions in mm



Wiring Schematic Diagram



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