

Model 1260

Single Point Load Cells



Features

- ◆ Capacities: 50 - 635 kg (110.23 - 1,399.94 lbs)
- ◆ Aluminum Construction
- ◆ Single point 600x600mm (23.62x23.62inch) platform
- ◆ 6 Wire (sense) circuit
- ◆ IP66 protection
- ◆ OIML R60 and NTEP approved

Model 1260 is a high performance, high capacity single point load cell designed for direct mounting of large 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 two additional sense wires feed back the voltage reaching the load cell. Complete compensation of changes in lead resistance due to temperature change and/or cable extension, is achieved by feeding this voltage into the appropriate electronics.

Also Available from Tedea-Huntleigh

For larger platform sizes a high capacity load cell, designated the model 1320 is available from Tedea-Huntleigh.

Constructed in aluminum and sealed to IP66, it is ideally suited for hanging scales, hopper and tank weighing.



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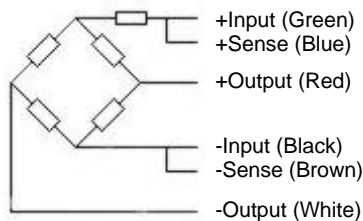
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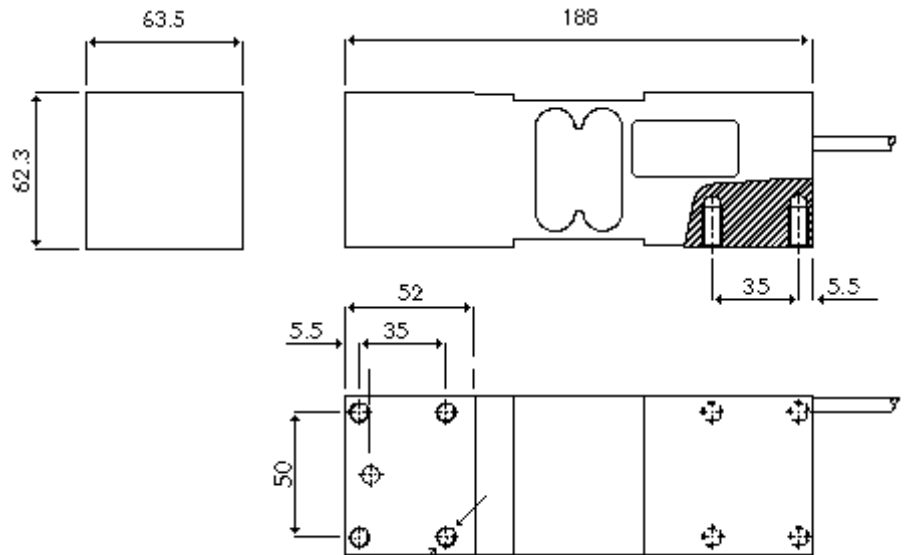
GRADE	Z	E	F	C3**	UNITS
Rated Capacities	50, 75, 100, 150, 200, 250, 300, 500, 635				kg
Rated Output	2.0 ± 10%				mV/V
Total Error*	0.075	0.030	0.020	0.020	±% of Applied Load
Zero Return after 30 mins	0.070	0.050	0.025	0.017	±% of Applied Load
Temperature Effect : On Output	0.007	0.0030	0.0014	0.0010	±% of Applied Load / °C
: On Zero	0.025	0.0100	0.0060	0.0040	±% of Rated Load Output / °C
Eccentric Loading	0.010	0.005	0.005	0.0033	±% of Applied Load / cm
Zero Balance	10.0				±% of Rated Output
Temperature range : Operating	-30 to +70				°C
: Compensated	-10 to +40				°C
Safe Overload	150				% of Rated Capacity
Ultimate Overload	250				% of Rated Capacity
Excitation : Recommended	10				Volts AC or DC
: Maximum	15				Volts AC or DC
Input Impedance	415 ± 15				Ohms
Output Impedance	350 ± 3				Ohms
Insulation Impedance	>5000				Mega Ohms
Deflection at Rated Capacity	<0.4				mm
Weight : All Types	1.9				kg
Construction	Anodized Aluminum				
Environmental Protection	IP66				
Cable	3 Meters (Standard), 6 Wire, Polyurethane Jacket, Dual Floating Screen				
Approvals	OIML R60 and NTEP				

* Total Error - According to OIML R60 ** Standard 85% Utilization - Other utilization factors available on request.

Wiring Schematic Diagram



Outline Dimensions All Capacities (in mm)



MB - 6H or 5/16 - 18 UNC - 2B (8 Places)