



- Capacities 50-635kg
- Aluminium construction
- Single point
700 x 700mm platform
- IP67 protection
- Anodized for better
environmental protection
- OIML R60 approved

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.

1263

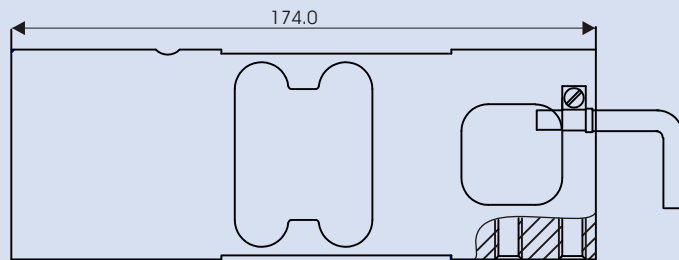
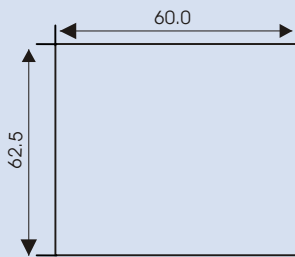
Model 1263 Aluminium High Capacity single point load cell

1263 SPECIFICATION

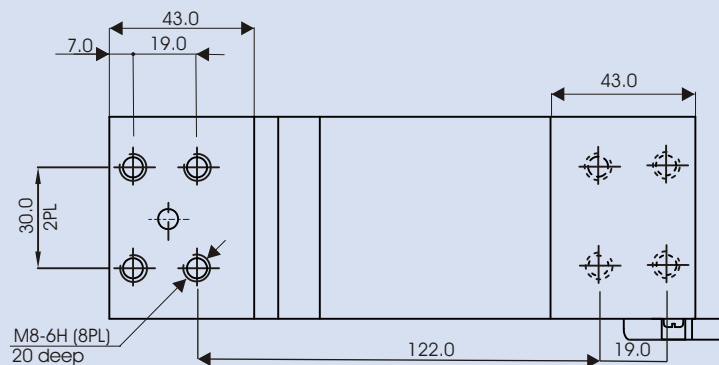
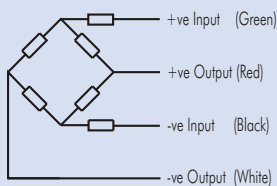
GRADE	E	C3	UNITS
Rated Capacities	50, 100, 150, 200, 250, 300, 500, 635		kg
Rated Output	2.0±10%		mV/V
Total Error*	0.030	0.020	±% of Rated Output
Zero Return after 30 mins	0.050	0.017	±% of Applied Load
Temperature Effect : On Output	0.0030	0.0010	±% of Applied Load/°C
: On Zero	0.0100	0.0023	±% of Rated Output/°C
Eccentric Loading	0.0042	0.0028	±% of Applied Load/cm
Zero Balance	2.5		±% 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	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	Anodised Aluminium		
Environmental Protection	IP67		
Cable	1.5 Metres (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

All dimensions in mm



Wiring Schematic Diagram



Due to Tedeia-Huntleigh's policy of continuous development, these specifications are subject to change without notice.

For larger platform sizes, high capacity load cells, designated the models 1320 and 1330 are available from Tedeia-Huntleigh.

Constructed in aluminium and sealed to IP66, it is ideally suited for platform scales.

For further details please contact Tedeia-Huntleigh or your local distributor, or visit our website at:

<http://www.tedeia-huntleigh.com>

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EXCELLENCE IN LOAD CELLS