



Capacities 30-635kg

Aluminium construction

Single point  
600 x 600mm platform

OIML R60 and NTEP  
approved

Hazardous area  
approved to  
FM EEx ia IIC T4

IP66 protection

Available with metric or  
UNC threads

**M**odel **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 and check weighing.

A special humidity resistant protective coating assures long term stability over the entire compensated temperature range. For hazardous environments this load cell has an EEx ia IIC T4 level of approval.

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.

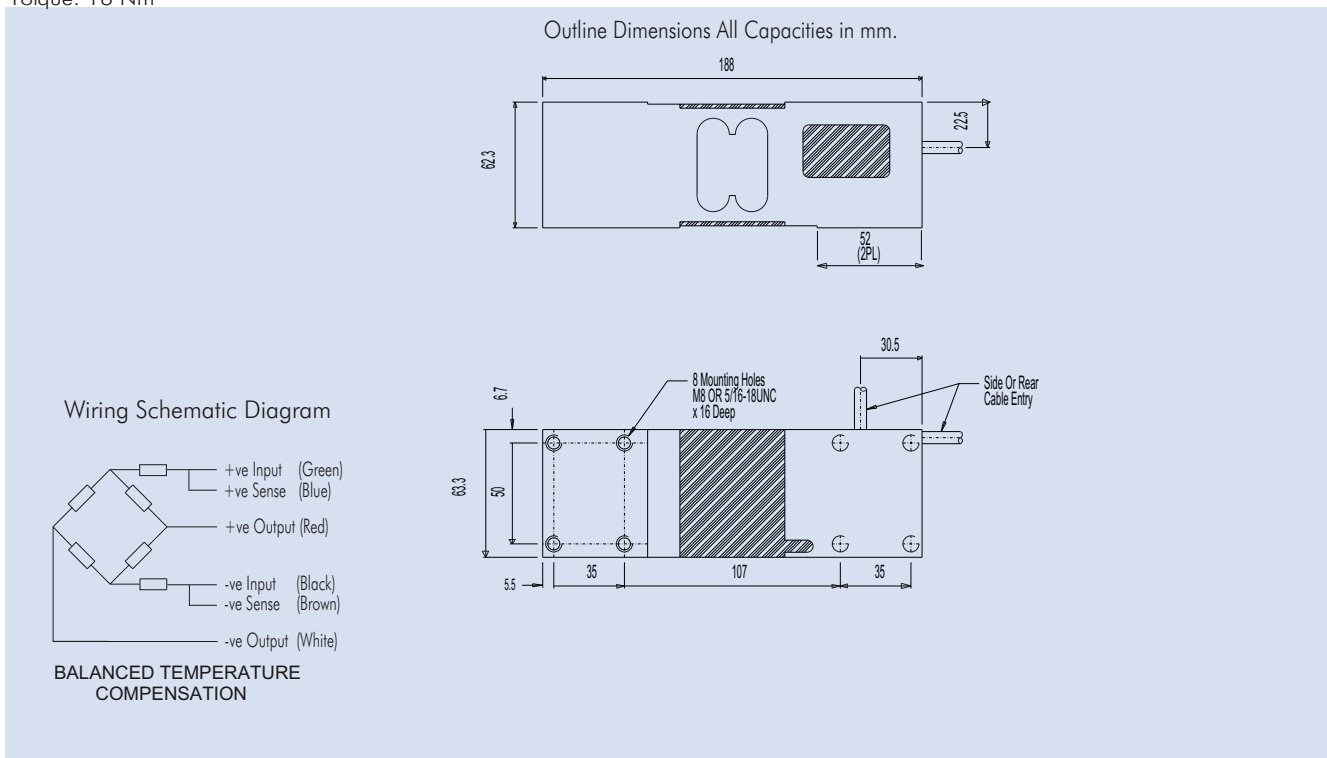
# 1260

Model 1260 Aluminium High Capacity single point load cell

# 1260 SPECIFICATION

GRADE	E	C3**	UNITS
Rated Capacities	30**, 50, 75, 100, 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	0.005	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	>2000		MegaOhms
Deflection at Rated Capacity	<0.4		mm
Weight : All Types	1.9		kg
Construction	Anodised Aluminium (Aluminium option)		
Environmental Protection	IP66		
Cable	3 Metres (Standard), 6 Wire, Polyurethane Jacket, Dual Floating Screen		
Platform	600 x 600		mm

\*Total Error - According to OIML R60 Torque: 1.6 Nm \*\*30kg Capacity Not Approved. \*\*\*Standard 50% utilisation, other utilisation factors available.



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 I250, I320 and I330 are available from Tedeia-Huntleigh.

Constructed in aluminium and sealed to IP67, 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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