

Aluminum High Capacity Single Point Load Cell



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 and check weighing.

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

FEATURES

- Capacities 30-635 kg
- Aluminum construction
- Single point 600 x 600 mm
- OIML R60 and NTEP approved
- Hazardous area approved to FM EEx ia IIC T4
- IP66 protection
- Available with metric or or UNC threads

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 appropriate electronics.

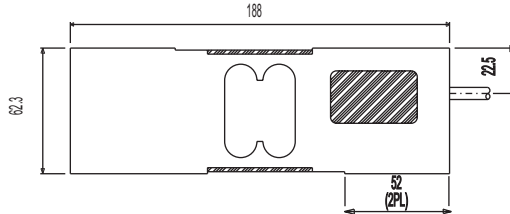
SPECIFICATION			
GRADE	E	C3**	UNITS
Rated Capacities	30**, 50, 75, 100, 200, 250, 300, 500, 635		kg
Rated Output	2.0 ± 10%		mV/V
Total Error*	0.030	0.020	± % of rated output
Zero Return after 30 mins	0.050	0.017	± % of applied load
Temperature Effect: On Output On Zero	0.0030	0.0010	± % of applied load/°C
	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 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	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	Anodized Aluminum (Aluminum option)		
Environmental Protection	IP66		
Cable	3 Meters (Standard), 6 Wire, Polyurethane Jacket, Dual Floating Screen		
Platform	600 x 600		

*Total Error - According to OIML R60 **30kg Capacity not approved ***Standard 50% utilization, other utilization factors available
Torque: 16 Nm

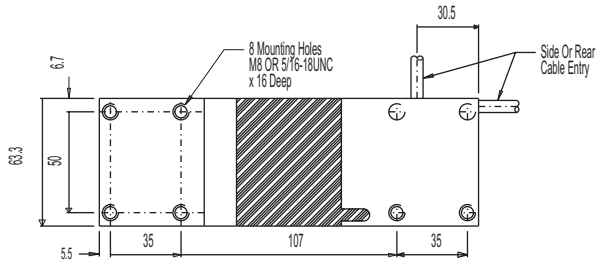
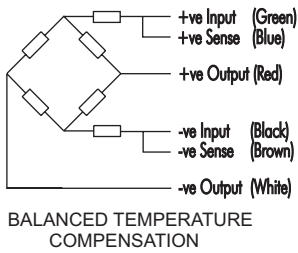
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DIMENSIONS in millimeters

Outline Dimensions All Capacities in mm.



Wiring Schematic Diagram



VISHAY TRANSDUCERS (VT) - SALES OFFICES



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