Model 1263

Tedea-Huntleigh

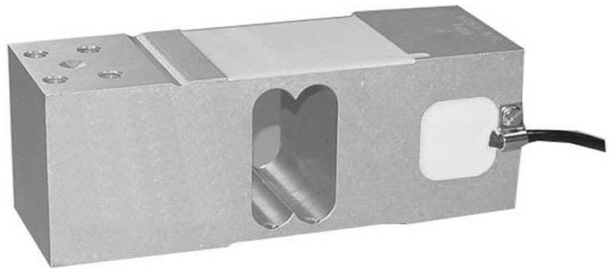
VPG force sensors

Celtron • Revere • Sensortronics • Tedea-Huntleigh

Aluminum High Capacity Single-Point Load Cell

FEATURES

- Capacities 50–635 kg
- Aluminum construction
- Single-point 600 × 600 mm platform
- OIML R60 approved
- IP66 protection
- Available with metric threads
- **Optional**
  - ATEX and IECEx approvals available



APPLICATIONS

- Large platform scales
- Hanging scales
- Check weighing

DESCRIPTION

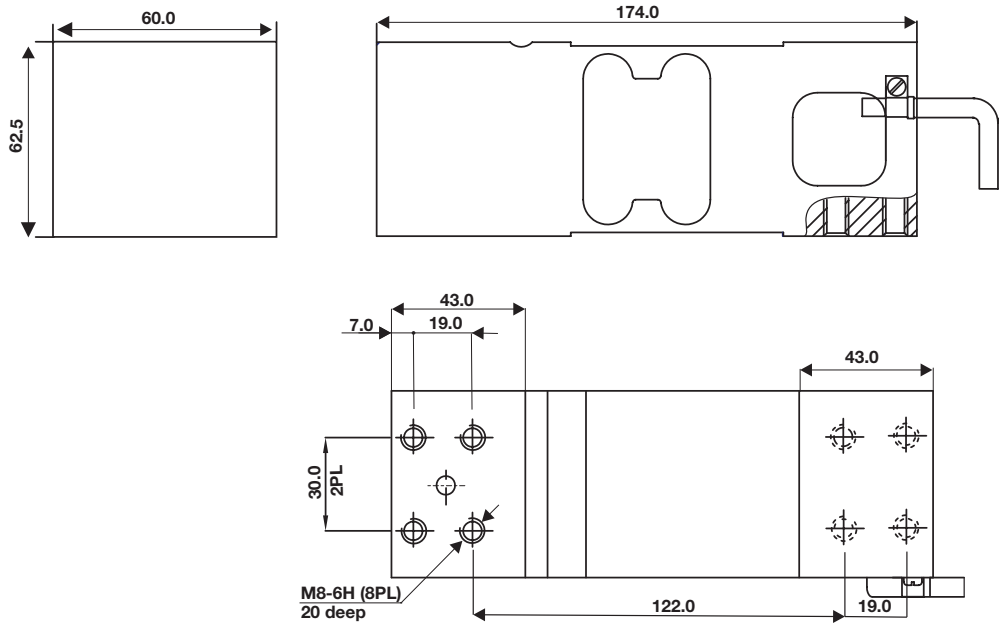
The Model 1263 is a high performance, high capacity single-point load cell designed for direct mounting of large weighing platforms.

The rugged construction offers high resistance 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 Model 1263 provides scale manufacturers with a high accuracy, low cost sensor to meet today's needs.

OUTLINE DIMENSIONS in millimeters



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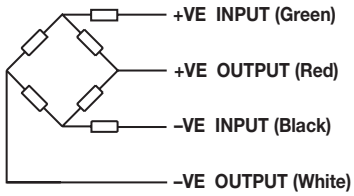
Aluminum High Capacity Single-Point Load Cell

SPECIFICATIONS			
PARAMETER	**VALUE**		**UNIT**
Rated capacity—R.C. (E_{max})	50, 100, 150, 200, 250, 300, 500, 635		kg
NTEP/OIML accuracy class	Non-Approved	C3*	
Maximum no. of intervals (n)	1000	3000	
$Y = E_{max}/V_{min}$	2000	15000	Maximum available
Rated output—R.O.	2.0		mV/V
Rated output tolerance	0.2		±mV/V
Zero balance	0.2		±mV/V
Zero return, 30 min.	0.050	0.0170	±% of applied load
Total error	0.0300	0.0200	±% of rated output
Temperature effect on zero	0.0100	0.0023	±% of rated output/°C
Temperature effect on output	0.0030	0.0010	±% of applied load/°C
Eccentric loading error	0.0050	0.0033	±% of rated load/cm
Temperature range, compensated	–10 to +40		°C
Temperature range, safe	–20 to +70		°C
Maximum safe central overload	150		% of R.C.
Ultimate central overload	300		% of R.C.
Excitation, recommended	10		VDC or VAC RMS
Excitation, maximum	15		VDC or VAC RMS
Input impedance	415±15		Ω
Output impedance	350±3		Ω
Insulation resistance	>2000		MΩ
Cable length	1.5		m
Cable type	4-wire, PVC, single floating screen		Standard
Construction	aluminum		
Environmental protection	IP66		
Platform size (max.)	600 × 600 mm		mm
Recommended torque	Up to 300 kg: 25.0 Above 300 kg: 30.0		N*m

* 50% utilization

All specifications subject to change without notice.

WIRING SCHEMATIC DIAGRAM



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