

Model 1263

High Capacity Single Point Load Cells

NEW!



Features

- Capacities: 100 - 300 kg (220 - 660 lbs)
- Aluminum Construction
- Single point 600 x 600 mm (23 x23 inch) platform
- IP66 protection
- Anodized for better environmental protection

Model 1263 is a high performance, high capacity single point load cell designed for direct mounting of large weigh 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.

Also Available from Tedeia-Huntleigh:

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

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

For further details please consult the factory or your local distributor.

TEDEA **th**
HUNTLEIGH
EXCELLENCE IN LOAD CELLS

Contact Info

E-mail
sales@[tedea-huntleigh.com](mailto:sales@tedea-huntleigh.com)
Website
www.tedeia-huntleigh.com

7800 DEERING AVE.
P.O. BOX 7964
CANOGA PARK CA 91309-7964
USA

TEL: 800.626.2616
FAX: 818.340.1175

Europe
Tedeia-Huntleigh Europe
Ltd.
37 Portmanmoor Road
Cardiff
CF24 SHE
United Kingdom
Tel:+44(0)29-20460231
Fax:+44(0)29-20462173

International
Tedeia-Huntleigh International
Ltd.
5 Hozoran St.
New Industrial Zone
P.O. Box 8381, Netanya 42506
Israel
Tel: +972-9-863-8888
Fax: +972-9-863-8800

China
Beijing Tedeia-Huntleigh
No. 16 Hong Da Bei Lu
Da Xing County, Beijing Eco-
nomic & Technology Develop-
ment Area,
Beijing 100176
Tel:+86-10-67881604-09
Fax:+86-10-67881576

Germany
Tedeia-Huntleigh GmbH.
Mumlingweg 18
D-64297
Darmstadt-Eberstadt
Germany
Tel:+49-6151-94460
Fax:+49-6151-944640

France
SEEA sa
16 Rue Francis Vovelle
28000 Chartres
France
Tel: +33-237-33-3120
Fax:+33-237-3129

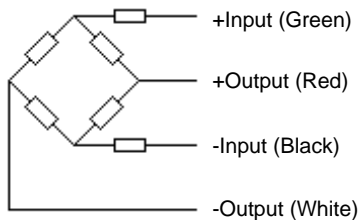
Model 1263

High Capacity Single Point Load Cells

GRADE	E	F	G	UNITS
Rated Capacities		100, 150, 200, 250, 300		kg
Rated Output		2.0 ± 10%		mV/V
Total Error*	0.030	0.020	0.020	±% of Rated Output
Zero Return after 30 mins	0.050	0.025	0.017	±% of Applied Load
Temperature Effect: On Output	0.0030	0.0014	0.0010	±% of Applied Load / °C
Temperature Effect: On Zero	0.0100	0.0060	0.0040	±% of Rated Load Output / °C
Eccentric Loading	0.005	0.005	0.0033	±% of Applied Load / cm
Zero Balance		2.5		±% of Rated Output
Temperature range: Operating		-30 to +70		°C
Temperature range: Compensated		-10 to +40		°C
Safe Overload		150		% of Rated Capacity
Ultimate Overload		250		% of Rated Capacity
Excitation: Recommended		10		Volts AC or DC
Excitation: 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		1.96		kg
Construction	Anodized Aluminum			
Environmental Protection	IP66			
Cable	1.5 Meters (Standard), 4 Wire, PVC Jacket, Dual Floating Screen			
	6 Wire , Available On Request			
Approvals				

*Total Error—According to OIML R60

Wiring Schematic Diagram



Outline Dimensions All Capacities (in mm)

