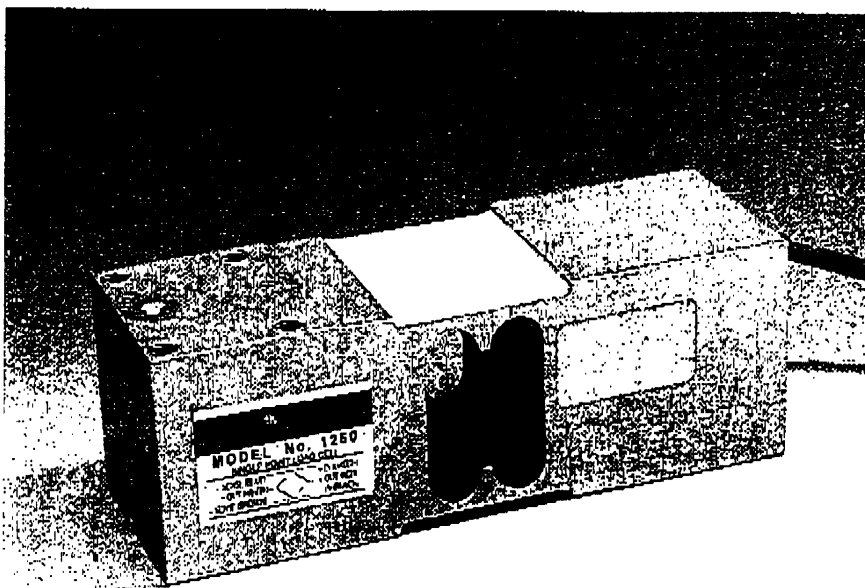


# 1260

**TEDEA**

**HUNTLEIGH**

EXCELLENCE IN LOAD CELLS



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, check weighing and process weighing.

## **TEDEA-HUNTLEIGH model 1260 low cost aluminium high capacity single point load cell.**

- Capacities 50-635 kg.
- Aluminium construction.
- Single point 600x600mm platform.
- 6 Wire (sense) circuit.
- IP66 protection.
- OIML R60 and NTEP Approved.

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

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.

### **Europe**

Tedea-Huntleigh Europe Ltd.  
37 Portmanmoor Road,  
Cardiff  
CF2 2HB  
United Kingdom.  
Tel : +44-1222-460231  
Fax : +44-1222-462173

### **International**

Tedea-Huntleigh International.  
60 Medinat Hayehudim St,  
P.O. Box 2008,  
Herzliya 46120  
Israel.  
Tel : +972-9-9557039  
Fax : +972-9-9555042

### **China**

Beijing Tedea-Huntleigh.  
No. 16 Hongda Beilu,  
Da Xing County, Beijing Economic  
& Technology Development Zone,  
Beijing 100076.  
Tel : +86-10-67881604-09  
Fax : +86-10-67881576

### **Germany**

Tedea-Huntleigh GmbH.  
Mümlingweg 18  
D-64297  
Darmstadt-Eberstadt,  
Germany.  
Tel : +49-6151-94460  
Fax : +49-6151-944640

### **USA**

Tedea-Huntleigh Incorporated.  
7800 Deering Avenue,  
Canoga Park,  
California,  
CA91304.  
Tel : +1-818-716-0593  
Fax : +1-818-340-1175

# 1260 SPECIFICATION

1000923.

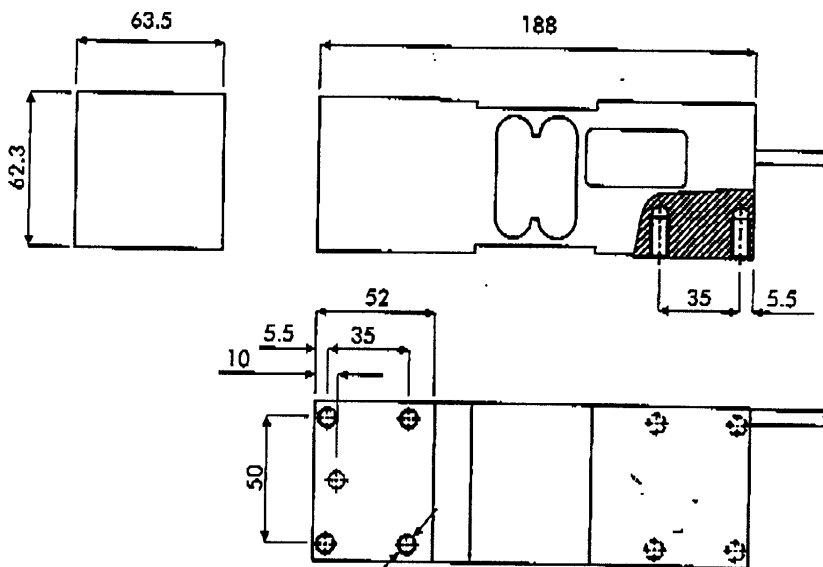


GRADE	Z	E	F	C3**	UNITS
Rated Capacities	50,75,100,150,200,250,300,500,635				kg
Rated Output	2.0 ± 10%				mV/V
Total Error*	0.075	0.030	0.020	0.020	±% of Applied Load
Zero Return after 30 mins	0.070	0.050	0.025	0.017	±% of Applied Load
Temperature Effect : On Output	0.007	0.0030	0.0014	0.0010	±% of Applied Load / °C
: On Zero	0.025	0.0100	0.0060	0.0040	±% of Rated Load Output / °C
Eccentric Loading	0.010	0.005	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				
Input Impedance	415 ± 15				Ohms
Output Impedance	350 ± 3				Ohms
Insulation Impedance	>5000				MegaOhms
Deflection at Rated Capacity	<0.4				mm
Weight : All Types	1.9				kg
Construction	Anodised Aluminium				
Environmental Protection	IP66				
Cable	3 Metres (Standard), 6 Wire, Polyurethane Jacket, Dual Floating Screen				

\*Total Error - According to OIML R60

\*\* Standard 85% Utilisation - Other utilisation factors available on request.

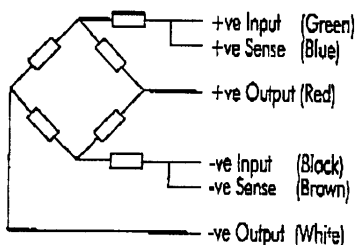
### Outline Dimensions All Capacities



All Dimensions in mm

M8-6H or 5/16-18 UNC-2B. (8 Places)

### Wiring Schematic Diagram



Also available from Tede-Huntleigh

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

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

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

**TEDEA HUNTLEIGH**  
EXCELLENCE IN LOAD CELLS

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