



Capacities 3 - 35kg

Only 22mm high

Aluminium construction

Single point

350 x 350 mm platform

IP66 protection

OIML R60 and NTEP
approved

Hazardous area
approved to
EEx ia IIC T4 & FM
Approved

Model 1022 is a low profile single point load cell designed for direct mounting in low cost weighing platforms.

Its small physical size, combined with high accuracy and aluminium construction, makes this low cost load cell ideally suited for retail, bench and counting scales where savings in parts and labour due to simpler scale construction can be made.

Available in a range of capacities, from 3 to 35kg and approved to OIML R60 (4000d) or NTEP (5000d, single). Environmental protection to IP66 is provided as standard. For hazardous environments this load cell has EEx ia IIC T4 level of approved option.

1022

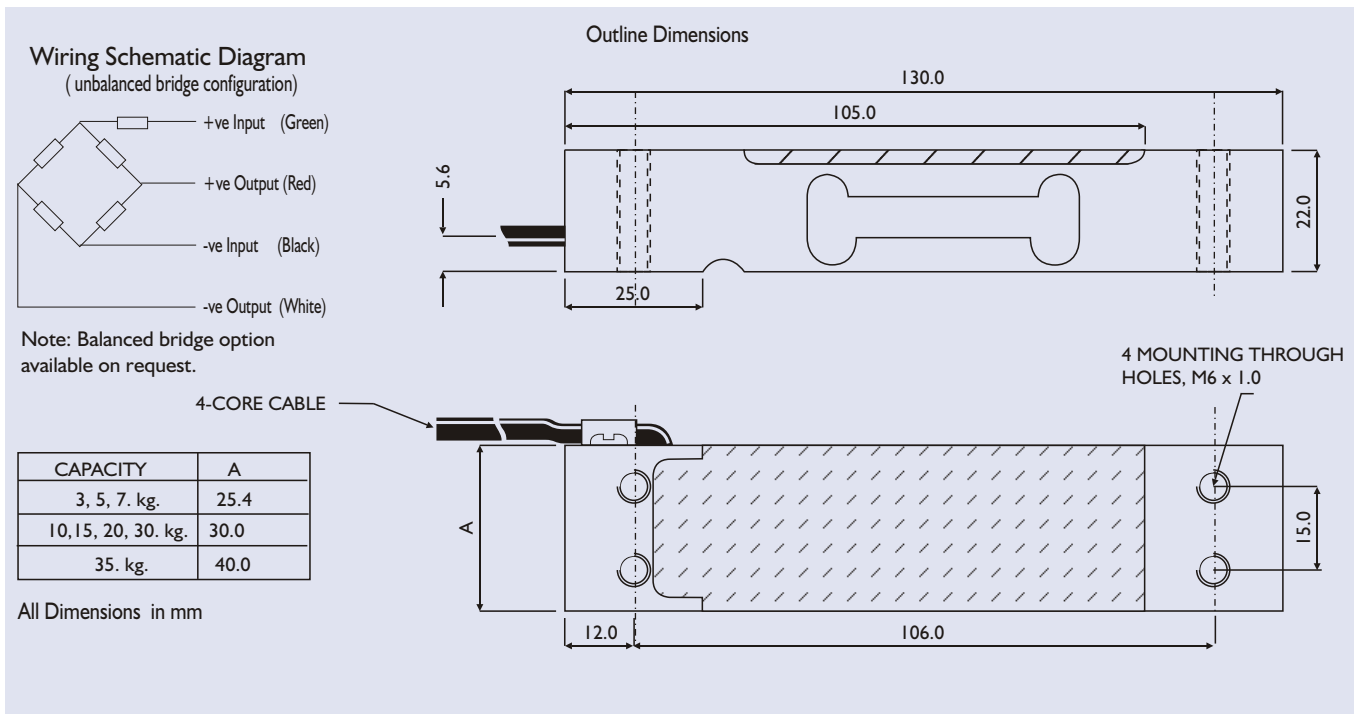
Model 1022 Single Point Aluminium cell

1022 SPECIFICATION

GRADE	E	C3**	C4***	UNITS
Rated Capacities	3, 5, 7, 10, 15, 20, 30, 35.			kg
Rated Output	2.0 ± 10%			mV/V
Total Error*	0.0300	0.0200	0.015	±% of Rated Output
Zero Return after 30 mins	0.0500	0.0170	0.0125	±% of Applied Load
Temperature Effect : On Output	0.0030	0.001	0.00075	±% of Applied Load / °C
: On Zero	0.0100	0.0023	0.0014	±% of Rated Output / °C
Eccentric Loading	0.0085	0.0057	0.0042	±% 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	300			% 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 :	0.15			kg
Construction	Aluminium			
Environmental Protection	IP66			
Cable	0.5 Metre (Standard), 4 Wire, PVC, Single Floating Screen			
Platform Size (max)	350 x 350			mm

* Total Error - According to OIML R60

** 50% Utilisation Standard. ***40% Min Utilisation. Consult Factory for Other Utilisation Factors.



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

Also available from TEDEA-HUNTLEIGH:

A complete range of single point load cells from 1 kg to 2 tonnes is available from Tedea-Huntleigh.

Tedea-Huntleigh is the world's leading manufacturer of high quality, high accuracy load cells in volume production. Our Manufacturing facilities are ISO 9000 registered

For further details please contact Tedea-Huntleigh or your local distributor, or visit our website at:

<http://www.tedea-huntleigh.com>

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 EXCELLENCE IN LOAD CELLS

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