

CAPACITIES

11,000 kg
23,000 kg
45,000 kg

ACCURACY

5000d OIML

APPROVALS

OIML Approved
SA 1430

EXAMPLE

Road weighbridges
Rail weighbridges
Tank weighing
Process weighing
Tank and tower weighing

ELECTRICAL TERMINATION

4 core 7 x 0.12 mm equivalent.
Standard lengths 25 and 40 meters,
Outer tinned copper sheath (floating)
Overall sheath.

SPECIAL FEATURES

High accuracy
Environmentally protected
100% Stainless steel
Excellent repeatability

SPECIFICATIONS

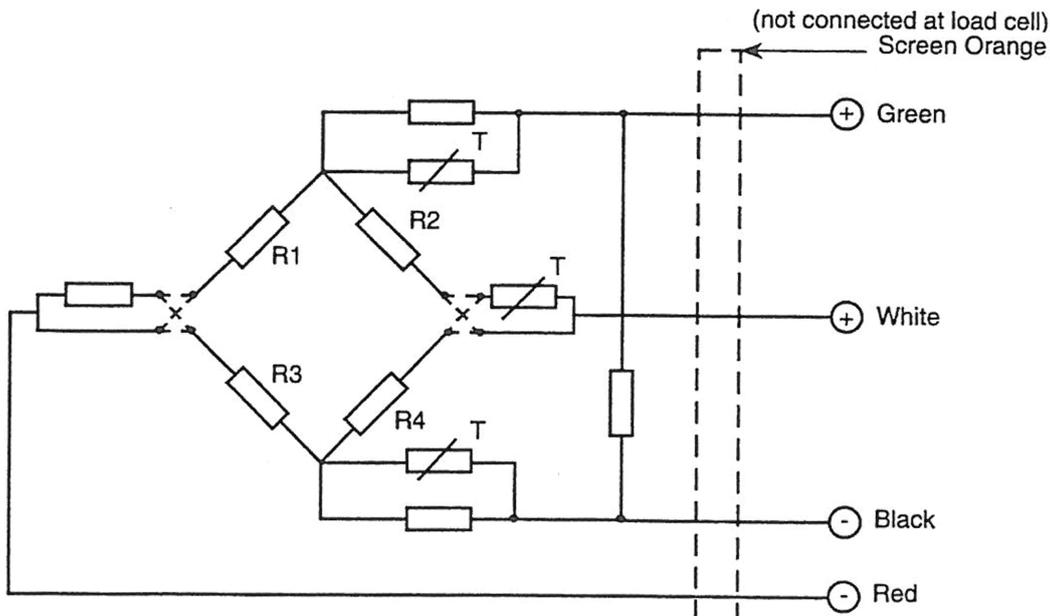
Sealed to BS EN 60529: 1992
Calibrated temperature range: 10 C to + 40 C
IP67.



SPECIFICATIONS

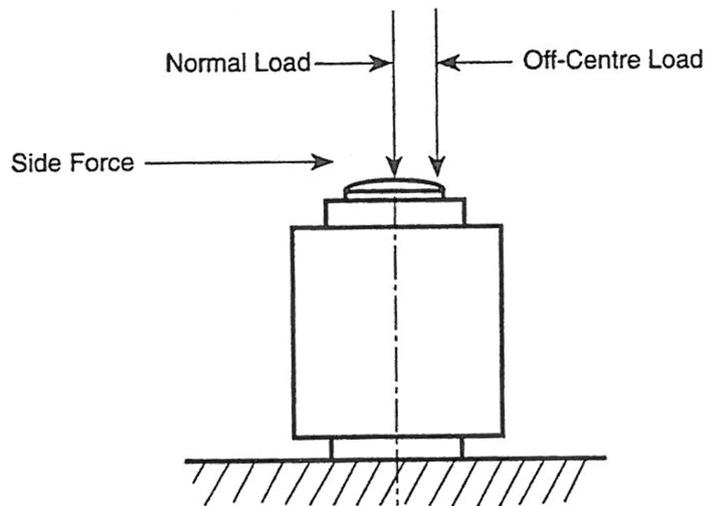
Excitation Electrical (Recommended)	15 v, AC or DC
Excitation Electrical (Maximum)	20 v, AC or DC
Terminal Resistance Input at 20° C	450 ohms \pm 1%
Terminal Resistance Output at 20° C	480 ohms \pm 5 ohms
Rated Output	1.75 mV/V \pm 0.1%
Zero Balance	\pm 1% of Rated Output
Non-Linearity (Maximum)	0.1% of Rated Output
Repeatability	0.01% of Rated Output
30 min Creep and Zero Return (OIML R60)	\pm 0.012% of Rated Output
Temperature Effect on Rated Output (-10° C to + 40° C)	\pm 0.0008%/° C
Temperature Effect on Zero Balance (-10° C to + 40° C)	\pm 0.001 %/° C
Overload Rating (without affecting Performance)	150% Rated Capacity
Overload Rating (Ultimate)	225% Rated Capacity
Insulation Resistance (Minimum)	5,000 megohms





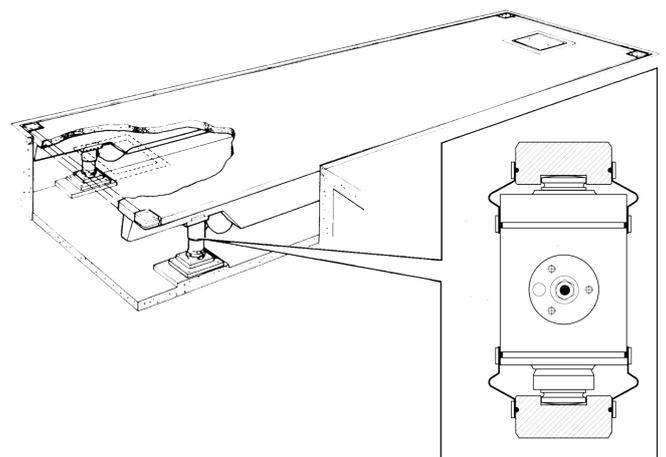
APPLICATIONS

The S701 is designed to operate with loads applied to the centre of the loadcell base acting through the central axis of the loadcell. To ensure high accuracy of weighing, steps should be taken to limit sideways movements through the use of stops or ties.



WEIGHBRIDGE EXAMPLE

The following diagram shows a typical weighbridge installation. In this diagram a strut arrangement has been included to maintain high accuracy weighing.



Load Cell Strut Assembly

SMART SUPPORT

0861 422 134 OR +27 83 680 0722

E-mail: info@sascoafrica.com

Web: www.sascoafrica.com

24 hours, 7 Days a week

Group Support Head Office:

2 Blackburn Street
Apex Industrial
Benoni

Phone: +27 (0) 11 746 6000

Fax: +27 (0) 11 746 6100

This brochure contains a general guide of the product only and shall not form part of any contract unless specifically agreed by Sasco Africa in writing in each case on the Order Acknowledgement. The specification of the product described herein may vary from time to time and may be altered without notice.