



MODEL IDS616 Series

SDS Load cell

SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

Features

- Stainless steel construction
- Hermatic load cell
- Single point 600x600 mm max platform

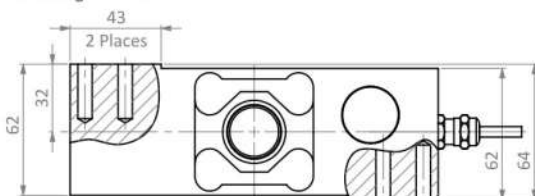


Specification

PARAMETER	VALUE	UNIT
Capacity	100 , 250 , 500	kg
Rated output	2 ± 0.2	mV/V
Zero balance	± 0.05	mV/V
Input resistance	385 ± 10	Ohms
Output resistance	350 ± 3	Ohms
Non linearity	± 0.02	% R.O.
Hysteresis	± 0.02	% R.O.
Non-repeatability	0.02	% R.O.
Creep	± 2	$\mu\text{V} / 12\text{V} / 80\% \text{ R.O.} / 1\text{min}$
Zero shift	± 2	$\mu\text{V} / 12\text{V} / 80\% \text{ R.O.} / 1\text{min}$
Power on stability	± 2	$\mu\text{V} / 12\text{V} / 2 \text{ min}$
Temperature effect on zero	± 0.05	% R.O. / 10 °C
Temperature effect on rated output	± 0.02	% R.O. / 10 °C
Operating temperature range	-10~+40	°C
Excitation recommended	5 ~ 15	V
Safe overload	150	% R.O.
Insulation resistance	≥ 5000 (50 VDC)	Mega-Ohms
Cable , Length		$\varnothing 5 \text{ mm} \times 2.5 \text{ m}$

All specifications listed are subject to change without notice.

100 - 500kg Side View



100 - 500kg Top View



Color code of cable

