



MODEL IDS633 Series

SDS Load cell

SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

Features

- Single point bench scale
- Aluminium construction
- Japanese technology applied
- Special rubber for high humidity protection



Specification

PARAMETER	VALUE	UNIT
Capacity	10, 15, 30, 50, 100	kg
Rated output	2 ± 0.2	mV/V
Zero balance	± 0.05	mV/V
Input resistance	410 ± 10	Ohms
Output resistance	350 ± 2	Ohms
Non linearity	± 0.01	% R.O.
Hysteresis	± 0.01	% R.O.
Non-repeatability	0.01	% 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
Excitation recommended	5~15	V
Safe overload	150	% R.O.
Insulation resistance	$\geq 5000 (50 \text{ VDC})$	Mega-Ohms
Cable , Length	$\varnothing 5\text{mm} \times 1.5\text{m}$	

All specifications listed are subject to change without notice.

