



MODEL IDS613 Series

SDS Load cell

IDS LOAD CELL
HIGH PRECISION
HIGH PROFORMANCE

Features

- Stainless steel constraction
- Used Japan technology
- Special rubber for high humidity protection
- Special silicone surface layer



Specification

PARAMETER	VALUE	UNIT
Capacity	10 , 20 , 30 , 50	kg
Rated output	2 ± 0.2	mV/V
Zero balance	± 0.05	mV/V
Input resistance	383 ± 10	Ohms
Output resistance	350 ± 3	Ohms
Non linearity	± 0.012	% R.O.
Hysteresis	± 0.012	% 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
Excitation recommended	5 ~ 15	V
Safe overload	150	% R.O.
Insulation resistance	≥ 5000 (50 VDC)	Mega-Ohms
Cable , Length	$\varnothing 4 \text{ mm} \times 1 \text{ m.}$	

All specifications listed subject to change without notice.

