



MODEL IDS632 Series SDS Load cell

SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

Features

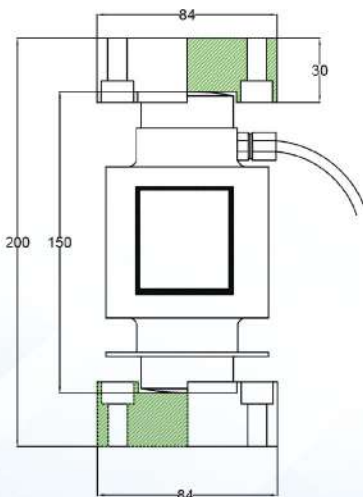
- Steel construction
- Load cell for truck scale
- High precision



Specification

PARAMETER	VALUE	UNIT
Capacity	10, 15, 20, 25, 30, 40, 50	T
Rated output	2 ± 0.5	mV/V
Zero balance	± 0.05	mV/V
Input resistance	700 ± 10	Ohms
Output resistance	703 ± 2	Ohms
Non linearity	± 0.03	% R.O.
Hysteresis	± 0.03	% 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	4 ~ 12	V
Safe overload	150	% R.O.
Insulation resistance	$\geq 5000 (50 \text{ VDC})$	Mega-Ohms
Cable , Length	$\varnothing 5 \text{ mm} \times 15 \text{ m}$	

All specifications listed are subject to change without notice.



Color code of cable

