



MODEL IDS628 Series

SDS Load cell

SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

Features

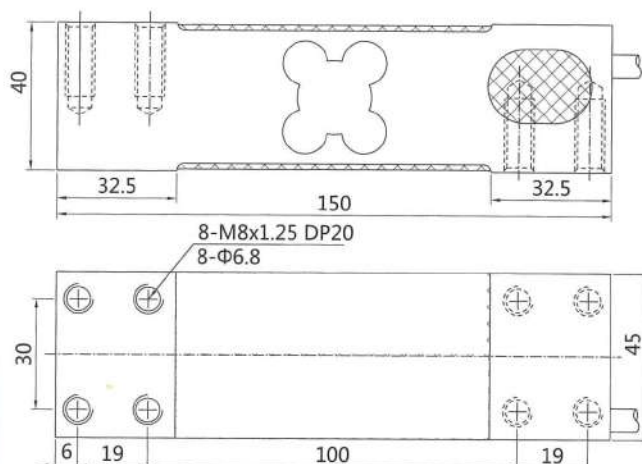
- Single point bench scale
- Aluminium construction
- Japanese technology applied
- Special rubber for high humidity protection



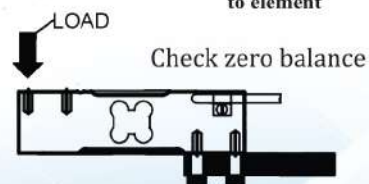
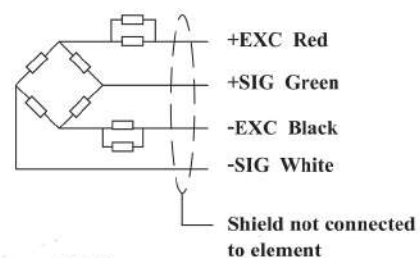
Specification

PARAMETER	VALUE	UNIT
Capacity	60, 100, 120, 150, 200, 500	kg
Rated output	2 ± 0.5	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		$\varnothing 5 \text{ mm.} \times 1.7 \text{ m.}$

All specifications listed are subject to change without notice.



Color code of cable



Bottom frame