



SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

MODEL IDS602 Series

SDS Load cell

Features

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

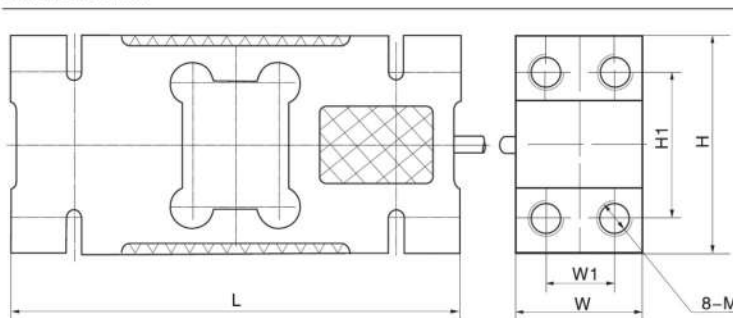


Specification

PARAMETER	VALUE	UNIT
Capacity	250,500,750,1000,2000	kg
Rated output	2 ± 0.2	mV/V
Zero balance	± 0.05	mV/V
Input resistance	410 ± 10	Ohms
Output resistance	350 ± 3	Ohms
Non linearity	± 0.012	% R.O.
Hysteresis	± 0.012	% 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	≥ 5000 (50 VDC)	Mega-Ohms
Cable , Length	$\varnothing 5\text{mm} \times 2\text{m. (small), 2.5\text{m (big)}$	

All specifications listed are subject to change without notice.

Dimensions in mm



Dimension Capacity	H	H1	L	W	W1	M
50kg - 200kg	75	50	156	44	24	M12
250kg - 500kg 750kg - W1	95	70	146	60	36	M12
750 - 2000kg	125	95	176	76	46	M16

Color code of cable

