



SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

MODEL IDS653 Series SDS Load cell

Features

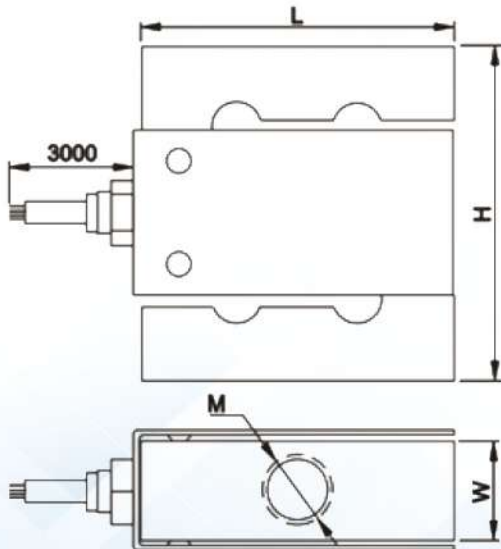
- Alloy steel construction
- S type load cell
- 4 Cable wires



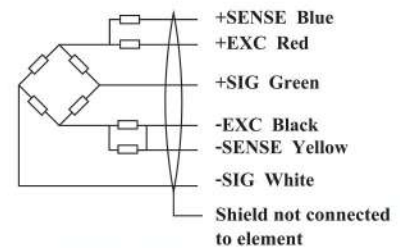
Specification

PARAMETER	VALUE	UNIT
Capacity	100	Kg
Rated output	3 ± 0.5	mV/V
Zero balance	± 0.05	mV/V
Input resistance	385 ± 10	Ohms
Output resistance	350 ± 2	Ohms
Non linearity	± 0.025	% R.O.
Hysteresis	± 0.025	% R.O.
Non-repeatability	0.02	% R.O.
Creep	± 2	µV / 12V / 80% R.O./1min
Zero shift	± 2	µV / 12V / 80% R.O./1min
Power on stability	± 2	µV / 12V / 2 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	5 ~ 15	V
Safe overload	200	% R.O.
Insulation resistance	≥ 5000 (50 VDC)	Mega-Ohms
Cable , Length	ø 5 mm x 2.5 m	

All specifications listed are subject to change without notice.



Color code of cable



Capacity (Kg)	C (mm)	A (mm)	L (mm)	M
100	50.8	76.2	12	M6x1