



SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

MODEL IDS603 Series

SDS Load cell

Features

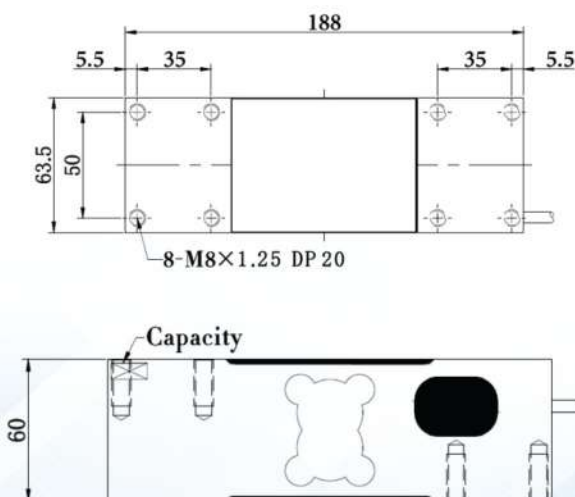
- Single point bench scale
- Aluminium construction
- Japanese technology applied
- Special rubber for high humidity protection



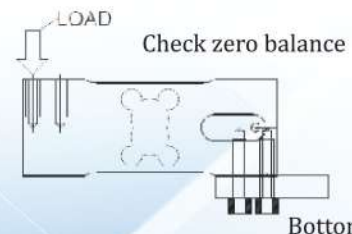
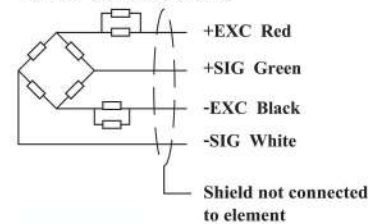
Specification

PARAMETER	VALUE	UNIT
Capacity	50,75,100,150,300,500,1000	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	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	150	% R.O.
Insulation resistance	≥ 5000 (50 VDC)	Mega-Ohms
Cable , Length	ø 5mm x 2m	

All specifications listed are subject to change without notice.



Color code of cable



Bottom frame