



MODEL IDS620 Series

SDS Load cell

SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

Features

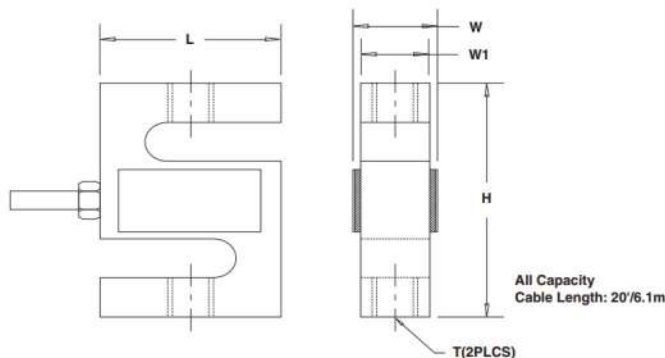
- Alloy steel construction
- S-type load cell
- For use tension or compression



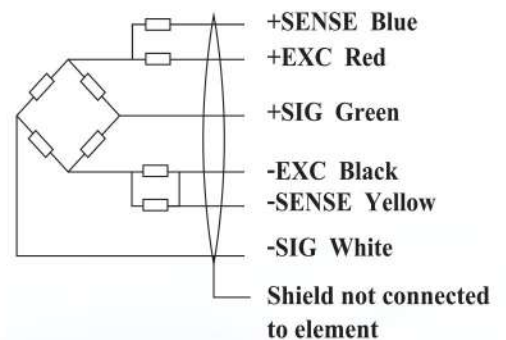
Specification

PARAMETER	VALUE	UNIT
Capacity	20,50,75,150,200,250,500,750,1000,1500,2000,3000,5000	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	$\mu\text{V} / 12\text{V} / 80\% \text{ R.O.} / 1\text{min}$
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	5 ~ 15	V
Safe overload	150	% R.O.
Insulation resistance	$\geq 5000 (50 \text{ VDC})$	Mega-Ohms
Cable , Length	$\varnothing 5 \text{ mm} \times 2.5 \text{ m}$	

All specifications listed are subject to change without notice.



Color code of cable



CAPACITY		L	W	W1	H	T
25 / 50 / 75kg	mm	50.8	26.7	12.7	63.5	M6 x 1.0
100 / 150kg	mm	50.8	22.92	19.1	76.2	M10 x 1.5
250kg	mm	50.8	30.4	19.1	76.2	M12 x 1.75
500/750kg	mm	50.8	25.4	19.1	76.2	M12 x 1.75
1000 / 1500kg	mm	50.8	31.8	25.4	76.2	M12 x 1.75
2000 / 2500 / 5000kg	mm	76.2	38.1	31.8	100.4	M20 x 1.5