

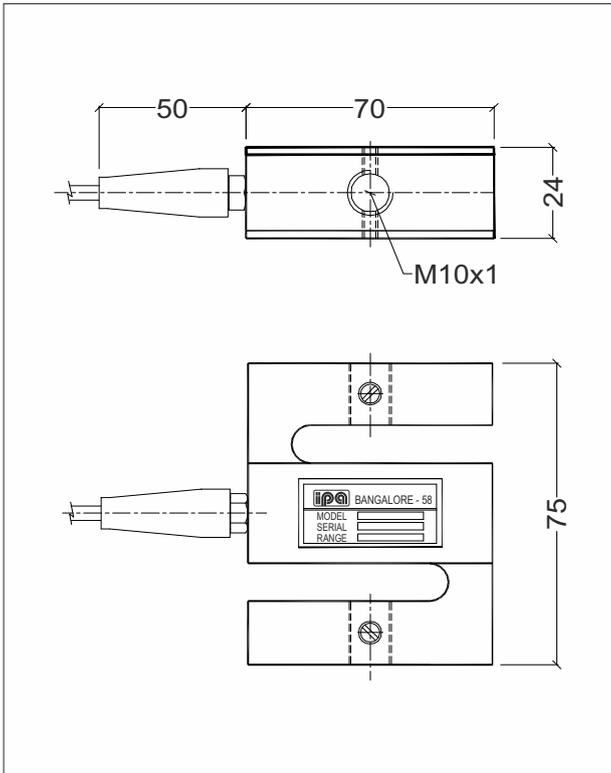
Double S Load Cell



The 'S' type loadcell is very widely used for various applications requiring load to be measured in tension.

Applications include:

Bagging machines, Conveyor scales, Batching systems etc.



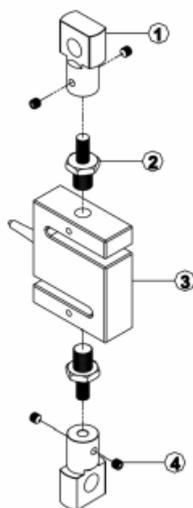
Parameters	Specified Value (% of rated output)
Rated Output	1.5 ± 0.01 mV/V
Combined Error	± 0.1%
Repeatability	± 0.05%
Creep on Load (30min)	± 0.1%
Zero Balance Voltage	± 0.2 mV
Input resistance	390 ± 10 Ohms
Output resistance	350 ± 2 Ohms
Compensated Temp Range	5-55°C
Operating Temp Range	5-70°C
Temp effect on Span	0.006% / °C
Temp effect on Tare	0.008% / °C
Excitation Voltage	10V DC/ AC (MAX: 12V)
Safe Overload	200%
Ultimate Overload	300%
Insulation Resistance, Bridge to case at 30V DC at 30°C	>5000M Ohms
Protection	IP-67
Cable	4 Mtrs 4 Core shielded PU Sheathed
Color Code	Black +Input Red +Output Green -Input White -Output

DIMENSION DETAILS:-

CAPACITY (KG)	MODEL NO	DIMENSIONS (mm)					
		A	B	Ø C	D	E	F
10,20,30	DS011L0,DS021L0,DS031L0	50	70	M10×1	18	24	75
50,70,100	DS051H0,DS071H0,DS012H0	50	65	M12×1.25	20	26	80
200,300	DS022H0,DS032H0	50	65	M12×1.25	20	26	80
500,700	DS052H0,DS072H0	50	80	M18×1.5	30	36	100
1000,2000	DS013H0,DS023H0	50	80	M18×1.5	30	36	100

EXPLODED VIEW

PART LIST		
NO	DESCRIPTION	QTY/ ASSY
1	SHACKLE	2
2	STUD	2
3	LOAD CELL-DS	1
4	GRUB SCREW	4



ASSEMBLED VIEW

