

## Model : RSL 301

### S-BEAM LOAD CELL



#### Features

- \* Alloy steel construction
- \* Glue sealing and welding to IP67 & IP68
- \* Easy to install and use for both tensile and compression application

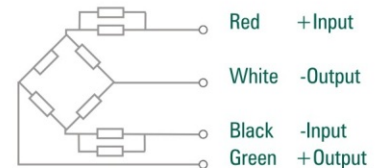
#### Applications

Suitable for Hanging scale, vibratory feeding equipment, tension testing machine, tank weighing, hopper weighing etc.

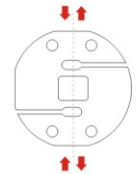
#### Parameters :

Rated Load (kg.) 5, 10, 15, 20, 50, 100, 200, 300, 500, 1T, 2T, 3T, 5T			
Precision	C2	Excitation Voltage (V)	5~12 (DC)
Composition Error	0.03	Compensated temp. Range (°C)	-10~+40
Rated Output (mv/v)	2.0 ± 0.004 & 3.0 ± 0.004	Use Temp. Range (°C)	-10~+55
Creep (%FS/30min)	± 0.024	Temp. Effect on Zero (%FS/10°C)	± 0.023
Zero Balance (%FS)	1.0	Temp. Effect on Span (%FS/10°C)	± 0.017
Input Resistance (Ω)	390 ± 10	Safe Overload (%FS)	150
Output Resistance (Ω)	350 ± 2	Ultimate Overload (%FS)	200
Insulation Resistance (MΩ)	≥ 20000 M	Defend Grade	IP67/IP68

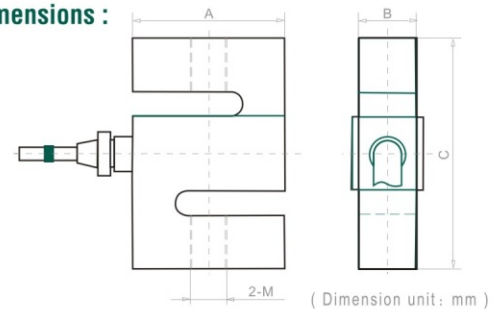
#### Wiring Schematic Diagram :



#### Load Diagram :



#### Dimensions :



CAPACITY		A	B	C	M
301	10~50kg	51	12.7	64	M8
	100~500kg	51	19	76	M12x1.75
	1000kg	50.8	25.4	76	M12x1.75
301A	10~50kg	51	12.7	64	M6
	100~1000kg	51	19	76	M12 X 1.25
	2000~5000kg	76	28	100	M20 X 1.50

