

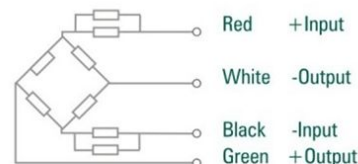
# REGULAR LOADCELL

**Model : RSL 410**

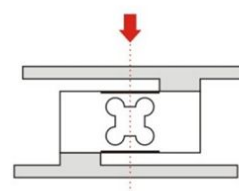
## SINGLE POINT BENDING BEAM LOAD CELL



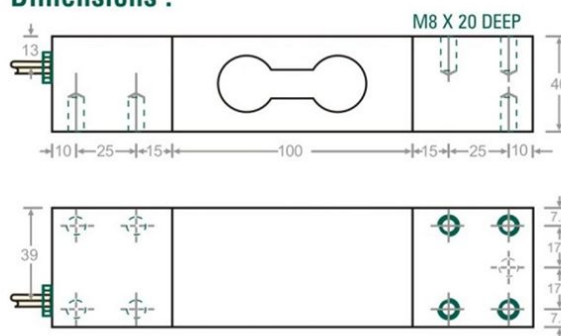
### Wiring Schematic Diagram :



### Load Diagram :



### Dimensions :



### Features

- \* Tool steel Construction for Harsh application
- \* Single Point Capability for Platform Scale
- \* Minimum error for Off-Centre loading
- \* Supports the Pan size up to 750 x 750 (mm)
- \* Low profile
- \* 100 kg. to 1500 kg. capacities
- \* Also available in Stainless Steel: SS, Suitable for hygienic applications like, Food, Dairy & Pharmaceutical Industries

### Applications

- \* Medium Size Platform Scales
- \* Bag Weighers
- \* Hopper Weighers

### Parameters :

Rated Load (kg.) 100, 200, 300, 500, 750, 1000, 1500			
Precision	C2 / C3	Insulation Resistance(MΩ)	≥20000(50VDC)
Composition Error	0.03 / 0.02	Excitation Voltage (V)	5~15 (VDC)
Rated Output (mv/v)	2.0±0.2	Compensated temp. Range (°C)	-10~ +50
Non-Linearity (%FS)	0.025	Use Temp. Range	-20~ +60 °C
Hysteresis (%FS)	0.02	Temp. Effect on Zero (%FS/10°C)	0.02
Repeatability(%FS)	0.02 / 0.01	Temp. Effect on Span (%FS/10°C)	0.01
Creep (%FS/30min)	0.03 / 0.02	Safe Overload (%FS)	150
Zero Balance(%FS)	±1.0	Ultimate Overload (%FS)	250
Input Resistance (Ω)	390±10	Defend Grade	IP67
Output Resistance (Ω)	350±2	Cable	6mm, 2.5mtr.