



# RUDRRA SENSOR

The load cell Technology

**Model : RSL 638**

RUDRRA SENSOR

## PARALLEL BEAM LOAD CELL



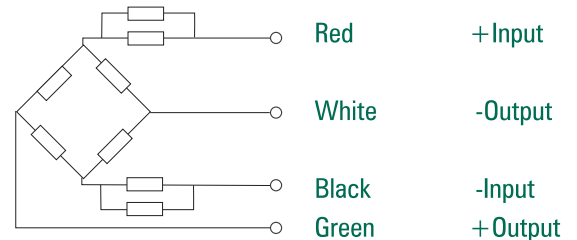
### Features

- \* Single Point Off-centre Load Measuring Capability.
- \* Economical and Low Profile Cell.
- \* Aluminum-alloy, Colorless anodized,
- \* Glue sealed.

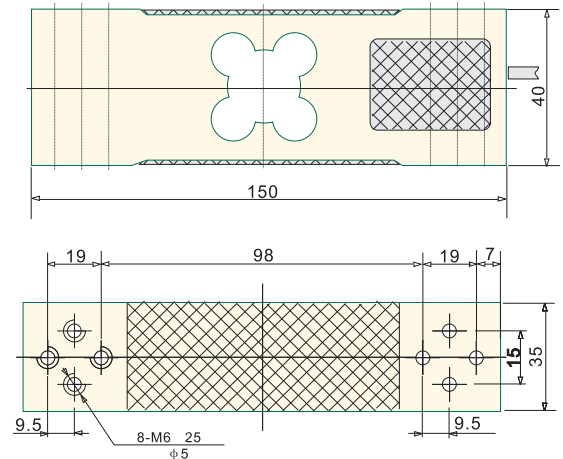
### Applications

- \* Bench, Counting & Postal Scales.
  - \* Check Weighers.
- (Recommended platform size : 400X400mm)

## Wiring Schematic Diagram



## Dimensions :



## Parameters :

Related Load (kg.) 100, 200, 300			
Precision	C2 / C3	Insulation Resistance(MΩ)	≥5000(100VDC)
Composition Error	0.03 / 0.02	Excitation Voltage (V)	9~12 (DC)
Rated Output (mv/v)	2±5	Compensated temp. Range (°C)	-10~+40
Non-Linearity (%FS)	0.03 / 0.017	Use Temp. Range	-35~+65 °C
Hysteresis (%FS)	0.03 / 0.02	Temp. Effect on Zero (%FS/10°C)	0.03/0.017
Repeatability(%FS)	0.01	Temp. Effect on Span (%FS/10°C)	0.02/0.014
Creep (%FS/30min)	0.02	Safe Overload (%FS)	120
Zero Balance(%FS)	± 1	Ultimate Overload (%FS)	150
Input Resistance (Ω)	405±5	Defend Grade	IP65
output Resistance (Ω)	350± 5	Cable	4mm, 3mtr.



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