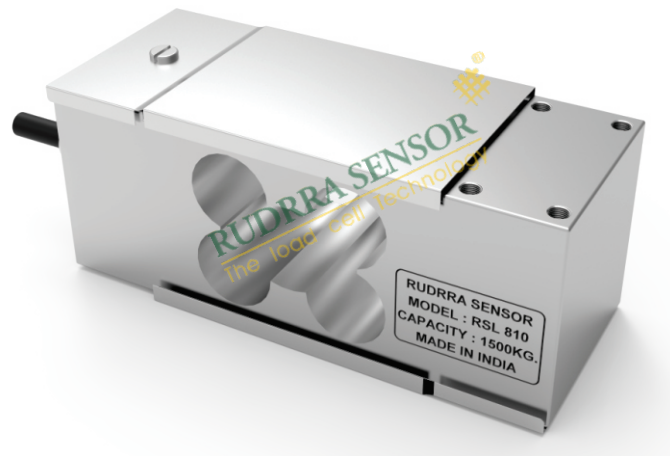


## **RSL 810**

### Single Point Heavy Platform Load Cell

## **RUDRRA SENSOR**

The load cell Technology



#### Product Description

The Stainless Steel Load Cell (RSL 810) has been designed keeping in mind that our clients should get only the best from our end. This product is absolutely perfect for large platform scales as well as steel weighers. The following characteristics of the product shall further describe the true nature of the equipment:

- \* This product has been designed to be compact and also light weight for easy application
- \* The manufacturers have made it awesomely low profile
- \* The supreme tool steel built makes it undisputable in performance
- \* This has a support platform scale that ranges up to 900 x 900 mm
- \* It is highly durable, superior in finishing, an easy to maintain and clean.

Therefore, it can be seen clearly that we at Rudrra have been very careful in selecting the best materials while designing the tool. The low profile nature of the equipment is perfect for its application in every purpose. The product is available at a reasonable price range online.

#### Applications

Large Platform Scales, Steel Weighers.

#### Key Features

- \* Tool steel Construction for Harsh application
- \* Low profile
- \* Single point Capability with minimum error for off-centre loading
- \* Support platform scale with size 900X900(mm)
- \* Compact, Light Weight & Economical

#### Optional :

- \* Stainless steel structure

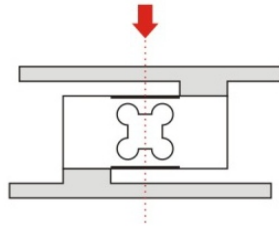
## RSL 810

### Single Point Heavy Platform Load Cell

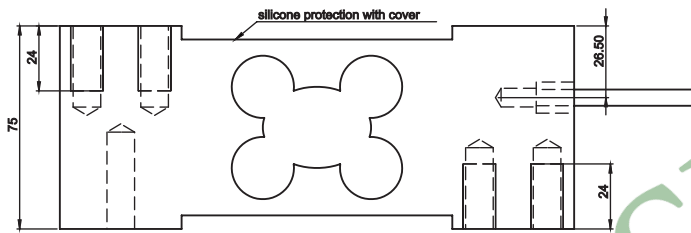
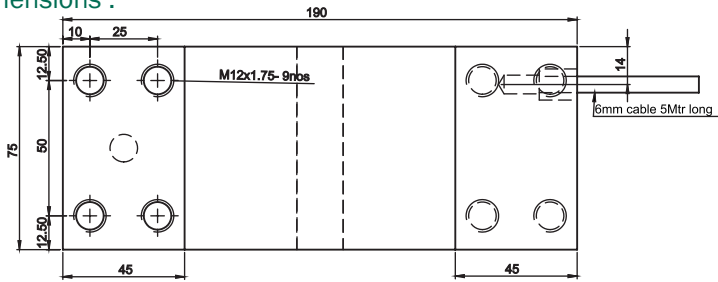
## RUDRRA SENSOR

The load cell Technology

Load Application Layout :

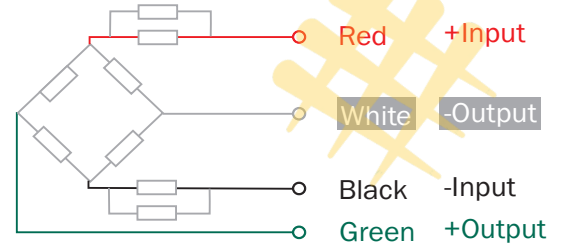


Dimensions :



\* All dimension are in mm

Cable Connection Details :



### Parameters : (Analog Load Cell)

Related Load (kg.) 100, 300, 500, 750, 1000, 1500, 2000, 3000			
Precision	C2 / C3	Insulation Resistance(MΩ)	≥ 20000(100VDC)
Composition Error	0.03 / 0.02	Excitation Voltage (V)	9~15 (DC)
Rated Output (mv/v)	2.0 ± 10%	Compensated temp. Range (°C)	-10~+40
Non-Linearity (%FS)	0.025	Use Temp. Range (°C)	-20~+60
Hysteresis (%FS)	0.01	Temp. Effect on Zero (%FS/10°C)	0.0020
Repeatability (%FS)	0.02 / 0.01	Temp. Effect on Span (%FS/10°C)	0.0015
Creep (%FS/30min)	0.03 / 0.02	Safe Overload (%FS)	150
Zero Balance (%FS)	± 1.0	Ultimate Overload (%FS)	250
Input Resistance (Ω)	400 ± 10	Defend Grade	IP67
Output Resistance (Ω)	350 ± 2	Cable	6mm, 5mtr

