

## **RS-L**

### Web Tension Load Cell (For Converting Machinery)

**RUDRRA SENSOR**  
The load cell Technology



#### Product Description

Rotogravure Load Cell is offered as model RS-L, which has a unique design and working performance. This type of load cells is used for printing machinery applications. All products are developed under the dynamic supervision of expert professionals. This cell can be used for small to large size graphic and printing machinery.

#### Key Features

- \* Large capacity range
- \* Anodized aluminium alloy
- \* Special shielded cable and connector  
output type of detachable mic
- \* Off-axis high strength to resist the force
- \* Designed for web tension measuring
- \* Easy mounting with clamp



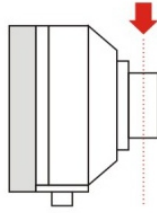
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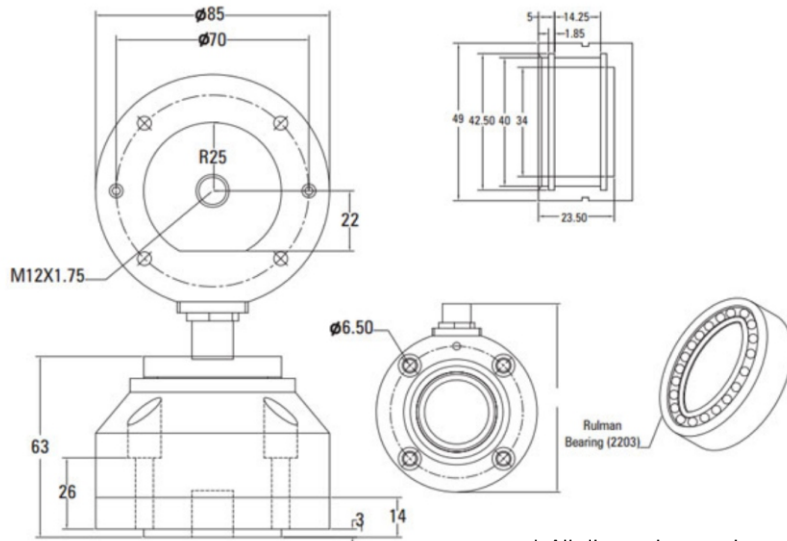
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Load Application Layout :

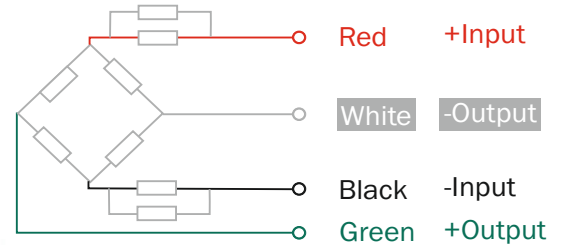


Dimensions :



\* All dimension are in mm

Cable Connection Details :



### Parameters : (Analog Load Cell)

Capacity (E <sub>max</sub> )	25, 50, 100 Kg	Weight	0,9 kg
Rated output R.O	2,0 mV/V	Accuracy class	0% R.O
Temperature effect n zero	< 0,014%R.O/5 °C	Zero balance	1% R.O
Compensated temperature range	-10 / +40 °C	Temperature effect on output	< 0,010% R.O/5 °C
Hysteresis (%FS)	0.02	Temperature range safe	-30/+70 °C
Maximum safe central overload	150%R.O	Ultimate central overload	300% R.O
Excitation	5 V	Input impedance	395 ± 30Ω
Output impedance	350± 3Ω	Insulation resistance	>5000 MΩ
Construction	Anodized aluminium alloy	Environmental protection	>IP55
Cable type	2x2x0,22 mm	Cable length	5 Mtr

