RSL 410

Single Point Bending Beam Load Cell

RUDRRA SENSOR
The load cell Technology

Product Description

Our customers can find an extensive range of Bending Beam Load Cell RSL 410 model in Rudrra Sensor product catalogs. Manufactured from high quality stainless steel it has superb working performance which make it first choice among all. This product includes different features that abide the customer to appreciate. Perfect balancing, compensating and accurate measurement capacity that all factors which impress our buyers towards the organization. It is mostly suitable for small load measurement.

We strive to surplus our company goal of maximum customer satisfaction and every member as well as every product is engaged to achieve this motto. We believe in right product at the right price. These products can be gain at comparative low price from the market.

Our organization made this load cell in different designs and Eveready for custom solutions. More than thousands of industries is using this product and enjoying the real benefit. These innovative and flexible products are always appreciated by its users. These are best suitable for different measuring devices.

Applications

Medium Size Platform Scales, Bag Weighers, Hopper Weighers.

Key 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 600X600(mm)
* Low profile
* 100 kg. to 1500 kg. capacities
* Suitable for hygienic applications like Food, Dairy & Pharmaceutical Industries (Stainless Steel Version)

Optional :

* Digital Load cell
* Stainless steel structure
* Customize Cable Length
* Stainless steel structure

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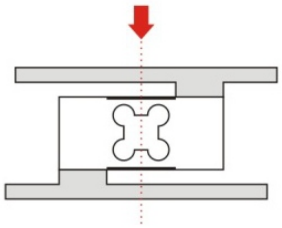
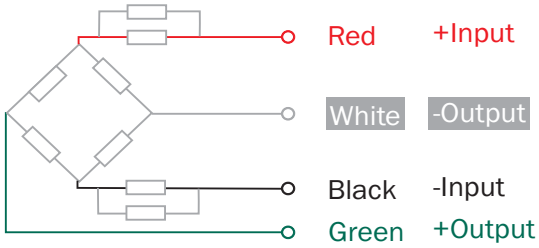
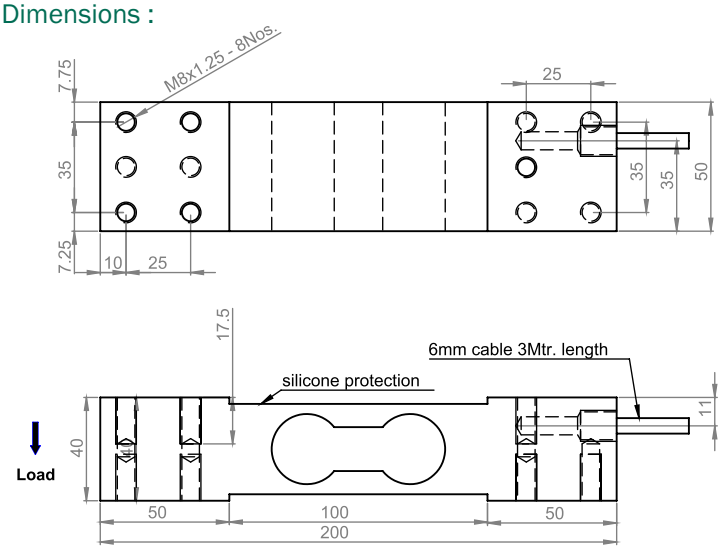
Load Application Layout :



Cable Connection Details :



Dimensions :



(All dimension are in mm)

Parameters : (Analog Load Cell)

Related Load (kg.) 100 / 200 / 300 / 500 / 750 / 1000 / 1500			
Precision	C2 / C3	Insulation Resistance(MΩ)	≥20000(100VDC)
Composition Error	0.03 / 0.02	Excitation Voltage (V)	5~15 (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)	0.02	Temp. Effect on Zero (%FS/10°C)	0.020
Repeatability (%FS)	0.02 / 0.01	Temp. Effect on Span (%FS/10°C)	0.015
Creep (%FS/30min)	0.03	Safe Overload (%FS)	150
Zero Balance (%FS)	± 2.0	Ultimate Overload (%FS)	250
Input Resistance (Ω)	390 ± 10	Defend Grade	IP67
Output Resistance (Ω)	350 ± 2	Cable	6mm, 2.5mtr