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# Binocular Load Cell



**Model : BR031H2**

## **DESCRIPTION:**

The Binocular Ring Load Cell has an IP-68 protection perfectly suited for industrial applications. Based on the bending beam principle it has excellent repeatability and accuracy.

## **APPLICATIONS:**

Platform Scales, Test Purpose, Hopper Weighing System, Dynamic Weighing Systems like Belt Weigher, Weigh Feeder Screw Feeder, Bag Check Weigher and Batching System etc.

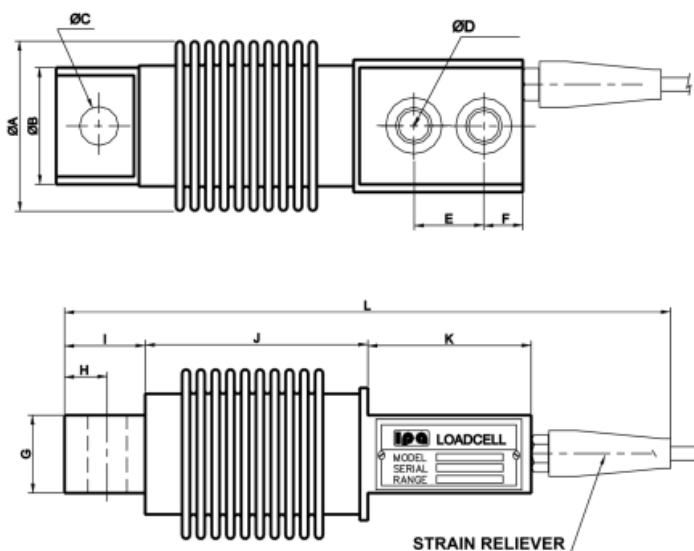
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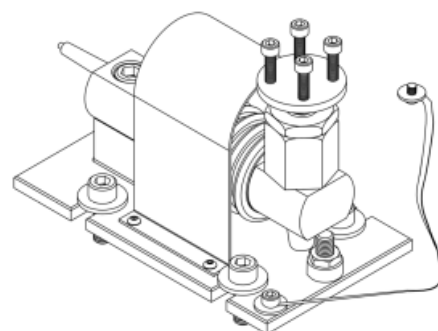
# Specifications

PARAMETERS	SPECIFIED VALUE		
Type	Binocular		
Capacity	(5- 10 KG)	(20-50 KG)	(70 KG-3 T)
Rated Output (mV/ V) $\pm 0.01$	1.5	1.5	1.5
Combined error (% R.O.) $\pm$	0.05	0.05	0.05
Repeatability (%R.O) $\pm$	0.05	0.05	0.05
Creep on Load (30 min)(%R.O. ) $\pm$	0.05	0.05	0.05
Zero Balance Voltage (% of FSO)	0.003	0.003	0.003
In-put resistance (Ohms) $\pm 10$	390	390	390
Out-put resistance(Ohms) $\pm 2$	350	350	350
Compensated Temp.Range (°C)	5-55	5-55	5-55
Operating Temp. (°C)	5-70	5-70	5-70
Temp.Effect on Span (%/°C)	0.003	0.003	0.006
Temp.Effect on Tare (%/°C)	0.008	0.008	0.008
Excitation Voltage (DC 12 V Max)	10	10	10
Safe Overload (%)	200	200	200
Ultimate Overload (%)	300	300	300
Protection Class	IP-55	IP-68	IP-68
Insulation Resistance Bridge(Ohms)	>1000 M	>1000 M	>1000 M
Cable	4 Core Shielded 4 mtrs		

Dimension Details



Assembled View



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