

Web Tension Sensor

for Printing, Plastics, Paper, wire & Converting applications..



FEATURES:

- 5 to 300 Kg capacities
- Standard output 2 mV/V
- Fully temperature compensated four gauge Wheatstone bridge
- High accuracy & repeatability
- Best linearity & near-Zero hysteresis
- High Overload limit
- IP 65 class for gauge area
- Easy Installation
- Other capacity available on request

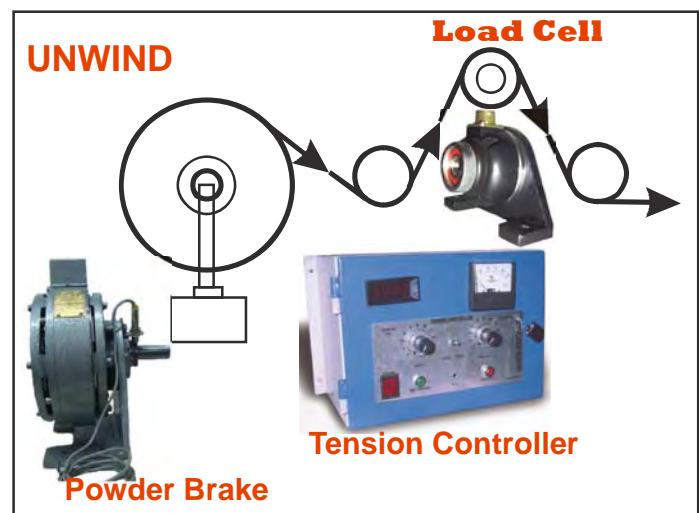
APPLICATIONS :

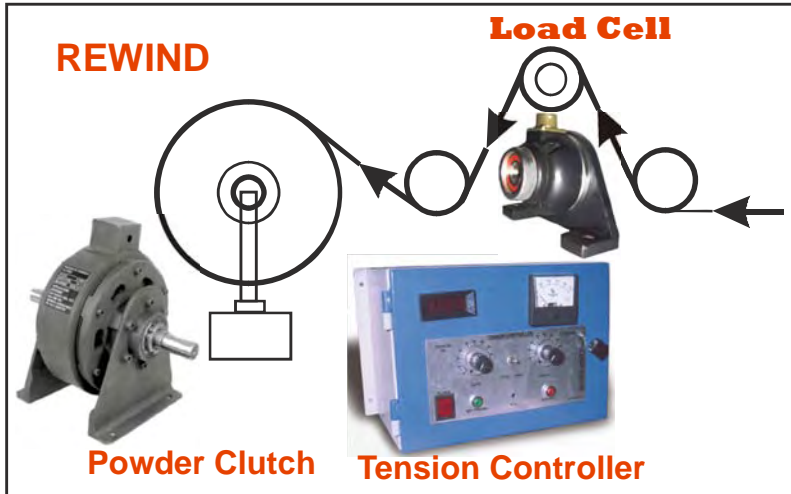
Used for measuring web tension of materials drawn over a rotating roller of processing equipments for:

- Paper
- Films
- Foils
- Magnetic Tapes
- Plastic Tapes
- Textiles
- Wires & Cables

Web Tension Load Cells full bridge strain gauge based Tension Sensors, designed for direct on-line Tension Sensing of Paper, Films, Foils, Wires & Cables, Textiles & other roll to roll converting machines.

Load Cells has Self aligning rubber seal bearings, to avoid critical alignments of X Y & Z axis of Idlers, suitable for live & dead roller applications.





SPECIFICATIONS :

Rated capacity (Kgf)	5, 10, 20, 50, 75, 100, 200, 300
Excitation Voltage	10 V DC – Max
Rated Output	2 mV/V
Linearity	±0.2% of FSO (Full Scale Output)
Repeatability	±0.1% of FSO
Terminal Input Resistance	350 Ohms - nominal
Terminal Input Resistance	350 Ohms – nominal
Insulation Resistance	> 1000 Mega Ohms
Safe Overload	500%
Compensated temperature range	0 ~ 60 °C
Temperature effect on Output	<0.04% of FSO/°C
Temperature effect on Zero	<0.04% of FSO/°C
Deflection	< 0.5 mm at FSO
Electrical connection	4 Pin Connector
Protection class	IP-65 for gauge area
Loading Direction	Upwards & Downward towards Connector

Contact us:

APPLICATION SYSTEMS

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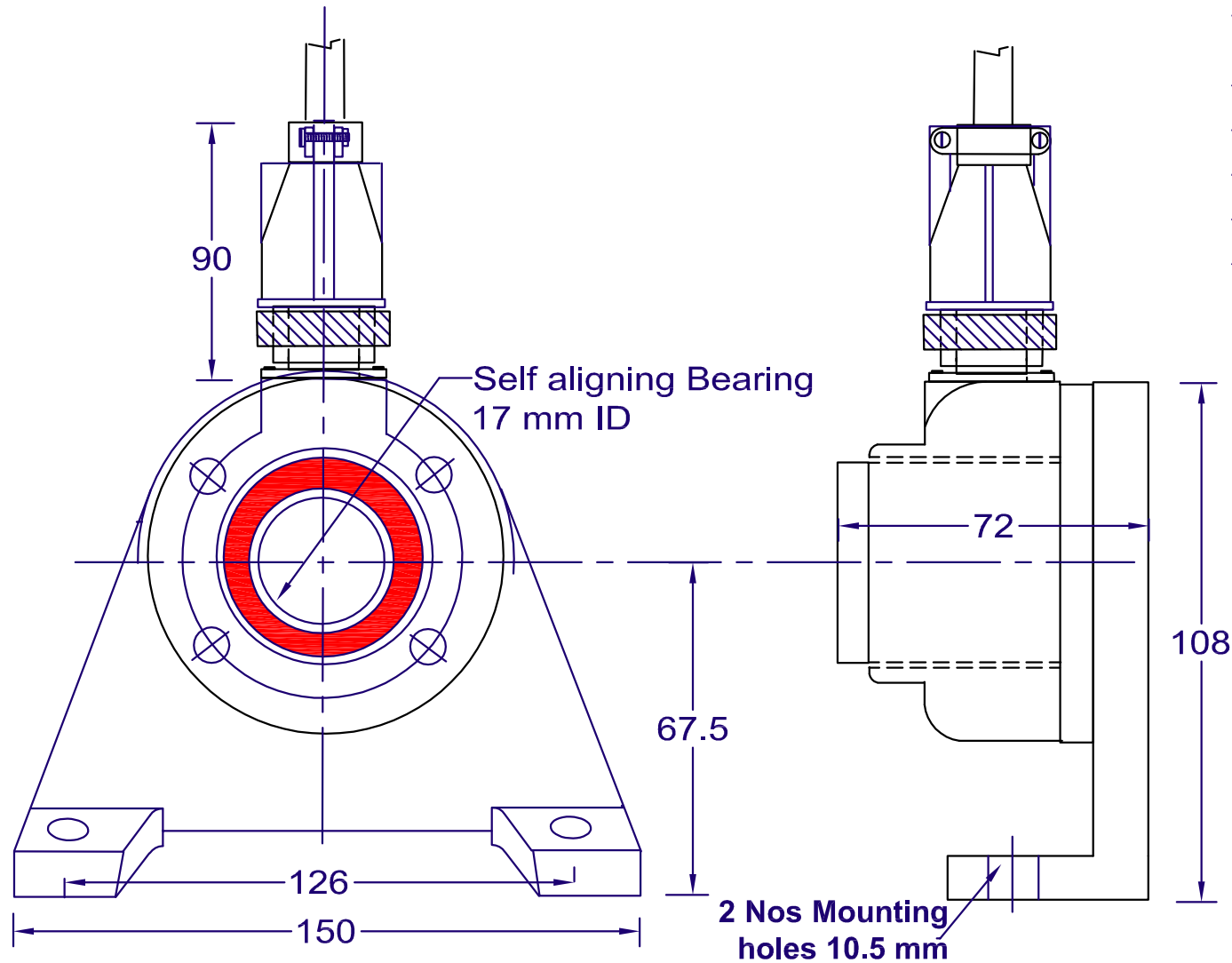
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APPLICATION SYSTEMS

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Web Tension Load Cell

ASB20 - 20 Kg

ASB25 - 25 Kg

ASB50 - 50 Kg

ASB 75 - 75 Kg

ASB100 -100Kg

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