

AWS

WEB SENSOR



DESCRIPTION :

ADI Web Sensor is a strain gauge based load cell with good temperature & linearity. It has good surface protection with nickel plating.

APPLICATIONS :

- It is designed to measure web tension on most type of web processing machinery used in converting, Plastic film, Printing, Textile & Other industries.

KEY FEATURES :

- Upto tenfold overloading
- Self-aligning bearing
- Different shaft diameter

SPECIFICATIONS :

Rated capacity (Kgf.)	: 10, 20, 50, 75, 100
Excitation Voltage	: 10VDC-Maximum 15 VDC
Rated Output	: 1.0 mV/V
Non – Linearity	: $< \pm 0.2$ % FSO (Full scale Output)
Hysteresis	: $< \pm 0.02$ % FSO
Non-Repeatability	: $< \pm 0.1$ % FSO
Creep error (30 minutes)	: $< \pm 0.03$ % FSO
Zero Load Output	: ± 1.0 % FSO
Input Resistance	: 375 ± 15 Ohms
Output Resistance	: 350 ± 5 Ohms
Insulation Resistance	: > 1000 Mega Ohms
Safe Overload	: 150 % of Rated Capacity
Ultimate Overload	: 250 % of Rated Capacity
Temperature	: 0 to 60° C
Compensated Range	
Temperature Effect on Output	: < 0.04 % FSO/° C
Temperature Effect on Zero	: < 0.04 % FSO/° C
Deflection	: < 0.5 mm at FSO
Finish & Construction	: Electroless Nickel Plated Tool Steel



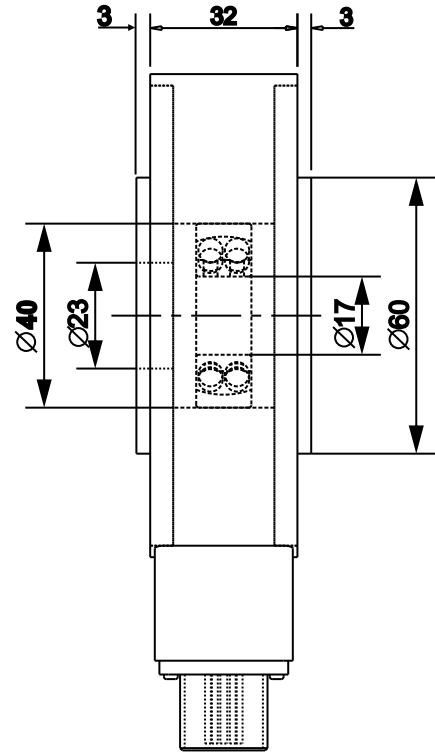
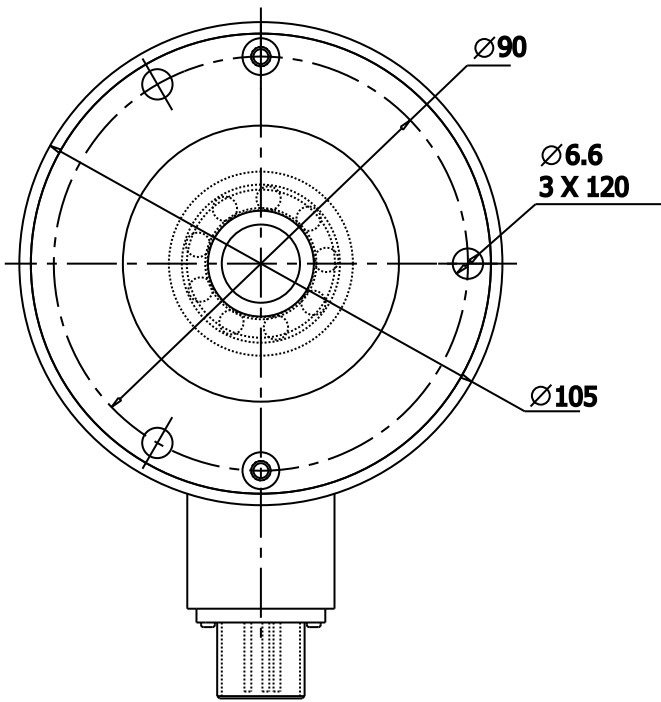
ADI CONTROLS

1B,1C POR INDUSTRIAL PARK
BEHIND SAHYOG HOTEL
POR 391243 DIST VADODARA (INDIA)

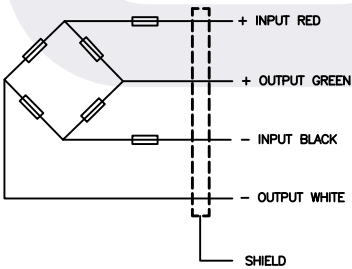
www.adicontrols.com

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Electrical Termination



BEARING SIZE			
ID	OD	WIDTH	BEARING NO.
17	40	12	1203S

Note: All dimensions are in mm



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