

AHW SERIES HOPPER WEIGHING SYSTEMS



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AWBS series Hopper/Bin/Silo Weighing Systems are designed for accurate measurement of the quantity of solid/liquid material stored in a container. System uses high precision load cells along with microprocessor based controller of latest technology.

SYSTEM FEATURES

- + System accuracy of better than 0.05%
- + Very low profile mounting assembly requires minimum lifting for load cell replacement.
- + Mounting assembly mild steel, zinc plated construction.
- + Built in movement arrestors, earth kit, lift off preventors etc.
- + Mounting assembly with Rocking arrangement allows bypass of lateral force.

OPTIONAL FEATURES

- + Upto 3Nos. Digital Inputs and Digital Outputs each.
- + Digital Communication via RS232/RS485/MODBUS/PROFIBUS/ETHERNET.
- + Analog output for remote display /PLC interface.
- + Load cells with in-built Surge protection.



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DIGITAL WEIGHING INDICATOR

- + Resolution : 20bit A/D converter,
- + Non-linearity : 0.01% FSD
- + Signal range : 0.5mV/V to 3.5mV/V
- + Temp. Effect : Span and Zero both 1ppm/C
- + Digital Inputs : 2Nos. Opto isolated
- + Digital Output : 2Nos. solid state relay
- + Analog Output : 1 No. isolated output of 0-10VDC/4-20Madc
- + Display : Six digit 14mm red LED
- + Power Supply : 85-265 V AC 50Hz



LOAD CELL

- + High precision Compression/Beam type load cell
- + OIML-C3 approved and IP-68 protection.
- + Stainless Steel construction.
- + Sensitivity of 2mV/V
- + Safe overload capacity of 200%
- + Non-linearity 0.01% of full scale.
- + Combined error 0.017% of Full scale.
- + Operating Temperature -40 to 80 C



OTHER RANGE OF PRODUCTS

- AWBS Series Belt Weigh Feeders
- AHW Series Solo/Hopper Weighing Systems
- AHW Series Batch Weighing Systems
- AHW Series Loss Weight Feeders
- AWB Series Road Weigh Bridges
- AHW Series Furnance Feeding Systems
- In-motion Rail Weigh Bridges
- Customised Weighing Systems

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