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 Sos/Hopper Weighing Systems
- AHW Series Batch Weighing Systems
- AHW Series Loss Weight Feeders
- AWB Series Road Weigh Bridges
- AHW Series Furnace Feeding Systems
- In-motion Rail Weigh Bridges
- Customised Weighing Systems

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