

Wall Mount High Resolution Weighing Indicator / Controller



High accuracy performance of multi-range scales and for applications where the live weight is very small in relation to the dead weight (tare weight)

Introduction

The SMW High Resolution Weighing Indicator/Controller is a very flexible digital load cell indicator and display system in a bulkhead mounting format, optimised for single or multiple load cell and weighing applications.

The digital architecture offers very easy one-pass calibration and fast setup. This versatile digital load cell amplifier offers options of isolated analogue outputs, latching relays or digital outputs for control or alarm functions.

The RS232 or RS485 options provide for digital communications (including setup) and can support label or ticket printers.

This HR version incorporates a very high resolution (24-bit) A-D converter and therefore offers an internal resolution of 500,000 counts. This additional performance is of benefit for multi-range scales and for applications where the live weight is very small in relation to the dead weight (tare weight).

Specification at a Glance

- AC or DC power supply options
- 1:5000,000 internal resolution
- 4 point linerisation
- RS232 or RS485 communications
- 2 set points, SPCO relay outputs
- Gross, Net, Tare and Print function keys
- 4-20 mA and 0-10 V outputs
- 10 V @ 160 mA excitation to drive up to 6 x 350 ohm load cell
- IP65 / NEMA 4 ABS housing for wall or surface mounting enclosure
- Variable gain load cell sensitivity from 0.5 to 200 mV/V



User Benefits

- Large LCD display and keypad
- High accuracy and stability
- Linerisation
- Wide range of power supplies
- Digital one pass auto calibration

Additional Features

- 12 calibration profiles stores for 12 different sensors
- Auto tare and peak hold actioned by volt-free contacts
- Isolated analogue outputs
- Plug in options:
 - Relay set points
 - Comms
 - Printers and more



Related Product



ADW15

Weighing indicator with analogue, data and relay outputs



SMW

Weighing indicator and weight controller

CE & Environmental

Storage temperature	- 20 to +70°C	CE Environmental Approvals	
Operating temperature	- 10 to +50°C	European EMC Directive	2004/108/EC
Relative humidity	95% maximum non condensing	Low Voltage Directive	2006/95/EC



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