

i4HD

Tension Indicator

NEW



i4HD with single zone analog readout



Montalvo i4-HD Tension Indicator

Montalvo's new i4-HD Tension Indicator offers single or multiple tension zone monitoring capability with either analog or digital display by amplifying load cell signals. It provides excitation voltage as well as zero and calibration circuitry.

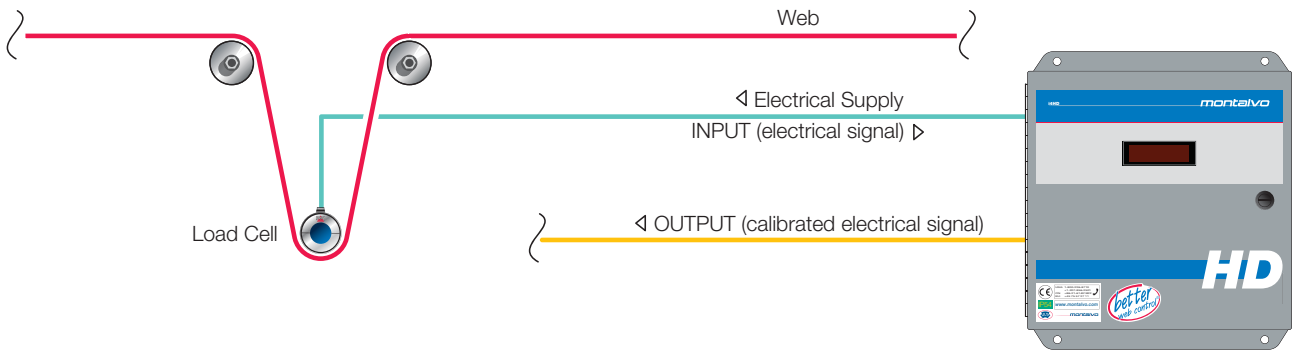
Features & Benefits

- ▶ *Single and multiple zone models*
- ▶ *Choice of either analog or digital display*
- ▶ *IP54 enclosure*
- ▶ *Accurate, repeatable tension indication*
- ▶ *Output can interface with PLC, PC, or DC, AC or servo drive*
- ▶ *Compatible with semiconductor strain gauge and foil gauge load cells*

i4HD with dual zone digital readout

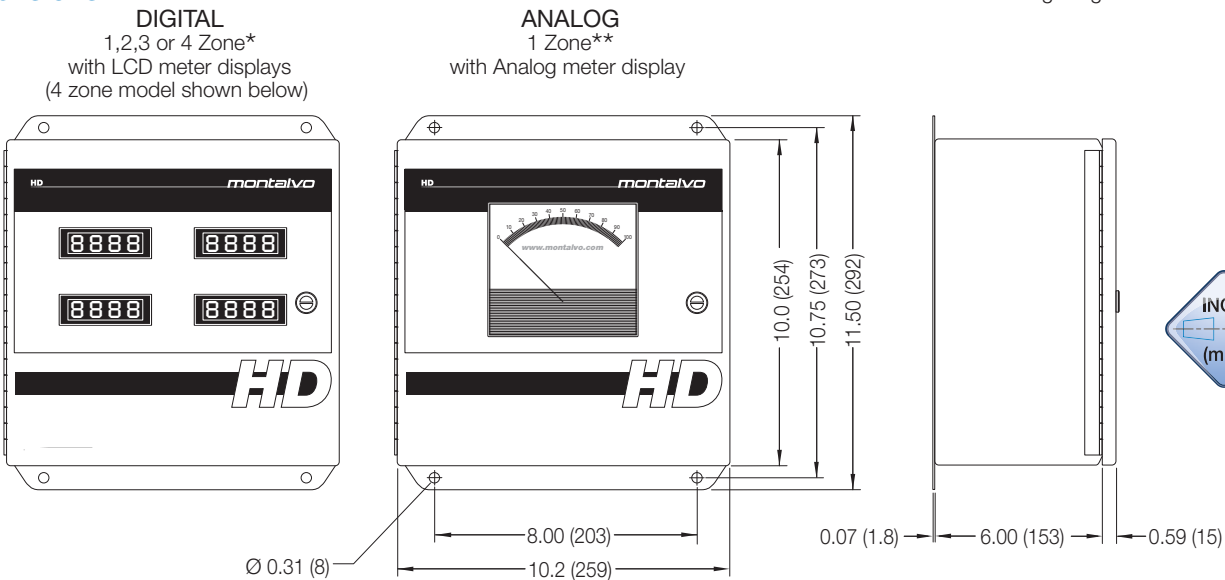


How they work



i4-HD
 with single digital meter readout

Dimensions



* More than 4 zones may require a different size enclosure.
 ** More than 1 zone may require a different size enclosure or meter.

Specifications

Electrical
 Supply Voltage 110 VAC
 Overvoltage Category III (IEC 66-4)

Each Zone
 Load Cell Input Range ±50mV / ±250 mV
 Load Cell Supply 5 VDC ±1%
 Maximum Power Consumption..... 3.5 VA
 Maximum Power Supply Fuse 10 A
 Overvoltage Category III (IEC 66-4)
 Connector 14 pin/screw
 Communication Connector..... USB Type B

Other
 Temperature Range:
 Operating -10 to +50°C (+14 to +122°F)
 Storage -10 to +80°C (+14 to +176°F)
 Humidity <95% Non-Condensing
 Degree of Protection..... IP54