

WEIGH-TRONIX

WI-105 Indicator Process Weighing Instrument

Compact panel design

LED display

Serial interface

- Advanced micro-controller indicator system.
- Targeted at simple process weighing applications.
- Up to a maximum of 50,000 displayed increments.
- Serial output of displayed weight.
- Can be matched to a wide range of load cell types and load systems with up to four load cells (nominal 350 ohm), using a single input.
- Non-volatile memory for storage of parameters (E^2).



WI-105 Indicator for process weighing

Features and benefits

Four function keys— No confusing functions. Train operators in seconds.

LED display— Bright, crisp, fast-reading. Speeds weighing process and reduces operator error.

Panel mount enclosure— Designed specifically for panel mounting (1/8 DIN).

RS-232 serial port— Provides link with printers and computers.

Options

12 vdc operation

Peak / valley hold

RS-485 instead of RS-232

Analog output

Four cutoffs

Protective Cover

Specifications

Power requirements:

Standard: 95-265 AC/DC, 8VA typical

Optional: 12 VDC, 8VA typical

Excitation: 10 VDC supports up to four 350-ohm weight sensors

Operational keys:

ZERO, TARE, PRINT, TRIPS (cutoff)

Display:

5-1/2 digits (199999)

Seven segment bright red LED 0.56" high

Display update rate: Five times per second

Display resolution: Up to 50,000 divisions

Capacity selections:

199,999 with decimal located from zero to five places

Minimum signal / increment:

Sensitivity 0.5 μ V per increment

Increment selections:

1, 2, 5, 10, 20, 50, 100

Analog to digital:

24 bit sigma delta, 8,000,000 internal resolution

Operating environment:

85% non-condensing humidity

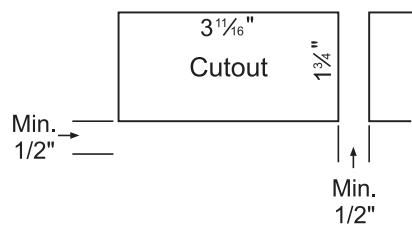
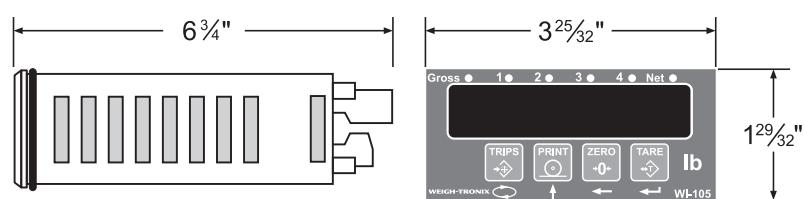
-10 to 50° C (14 to 122° F)

Serial outputs: RS-232 with optional RS-485

Capabilities: continuous output

output on demand via print button

output on demand via serial request



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