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WT1

WEIGHT INDICATOR

Suitable for difficult environmental conditions and locations with high hygienic standards

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Editor: Isabel Carmo

IP68 IP69K

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WT1

WEIGHT INDICATOR

Weight Indicator WT1 is made of stainless steel housing for desk/wall installation, 4.3" color TFT display (480 x 272 pixels) with a large-character weight display and one additional display line, 5 keys. Connection for one analog scale, input impedance 43–3,300 Ohm (suitable e. g. for 8 x 350 Ohm load cells), internal connection or connection to digital load cell(s). Integrated power supply 110–240 VAC or 12–30 V DC or external battery (12–30 V DC). Cables connected through cable glands or M12 sockets. Integrated web server. Date/time function power-fail-safe.

FEATURES

- Large color display 4.3”(110mm)
- Capacity, time and date on display
- NEMA 4x/ IP69K Stainless steel
- Configurable ticket format
- Multiple range/interval weighing
- Setpoints
- Static Checkweigher function – High-ok-low
- Simple filling
- NTEP Certified.

OPTIONS

- Desk, wall or Panel-mount version
- Serial for PC, Printer or Remote Display
- Analog output, 4-20mA, 0-10VDC, 0-20mA
- Ethernet TCP/IP
- Remote Control From PC.

APPLICATIONS

Suitable for difficult environmental conditions and locations with high hygienic standards, as in the food, pharmaceutical, and chemical industry.

- Checkweighers
- Platform Scales
- Pallet scale.

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HIGH OPERATIONAL SECURITY

Fast and error-free operation is ensured by a high-contrast 4,3" color TFT display (11cm diagonal) for the indication of weight, IDs, and operator prompts in combination with an easy-to-use soft keyboard.

WEIGHING PROGRAM

Display of net, tare, and gross weight. Operator prompting for capturing of weight or piece counting. Totalizing is also possible. Plug-on modules are used to set the Weight Indicator WT1 up for applications of varying complexity: Data Logging via optional printer interface (USB, serial, Ethernet, or Bluetooth). The print layout for labels or forms is configurable. Printout of weights, totals, date, time, and consecutive-No.

DATA TRANSMISSION

To PC via optional PC interface (Ethernet or serial). Transmission of date, time, consecutive-No. and weight after each weighing cycle.

WEB SERVER

Internal web server for remote diagnosis or system configuration.

WEIGHING ELECTRONICS

WT1 connects to one scale with up to 8 load cells and provides a W&M approved resolution of up to 10000d with max. 80% pre-load. Calibration is possible as single or multiple-range (eg 3x3000d) and as single or multi-interval scale.

PC ONLINE

Mode via optional PC interface. Reading of weight, taring, zero setting, and other functions can be remotely controlled from a PC. Weights can be stored in an internal W&M approved data archive for verification. Data transmission is possible through serial interface or Ethernet LAN.

SWITCHING AND FILLING

With an optional input/output module two weight thresholds can be monitored, eg for max. or min. values. Start of weighing cycle and taring is possible from external switches. Alternatively, the inputs and outputs can be used for a filling sequence with start/stop/interrupt and two-speed cut-off.

CONFIGURABLE STANDARD SOFTWARE WITH SIMPLE FUNCTIONS FO

- Data logging and printing or simple setpoint controller (BASIC),
- Simple parts counting without reference weight memory (COUNT),
- Simple filling (FILL),
- Simple checkweighing terminal (CHECK) or as
- Weighing terminal with remote control from PC (ONLINE).

SIM SOCKET FOR ONE OF THE FOLLOWING OPTIONS

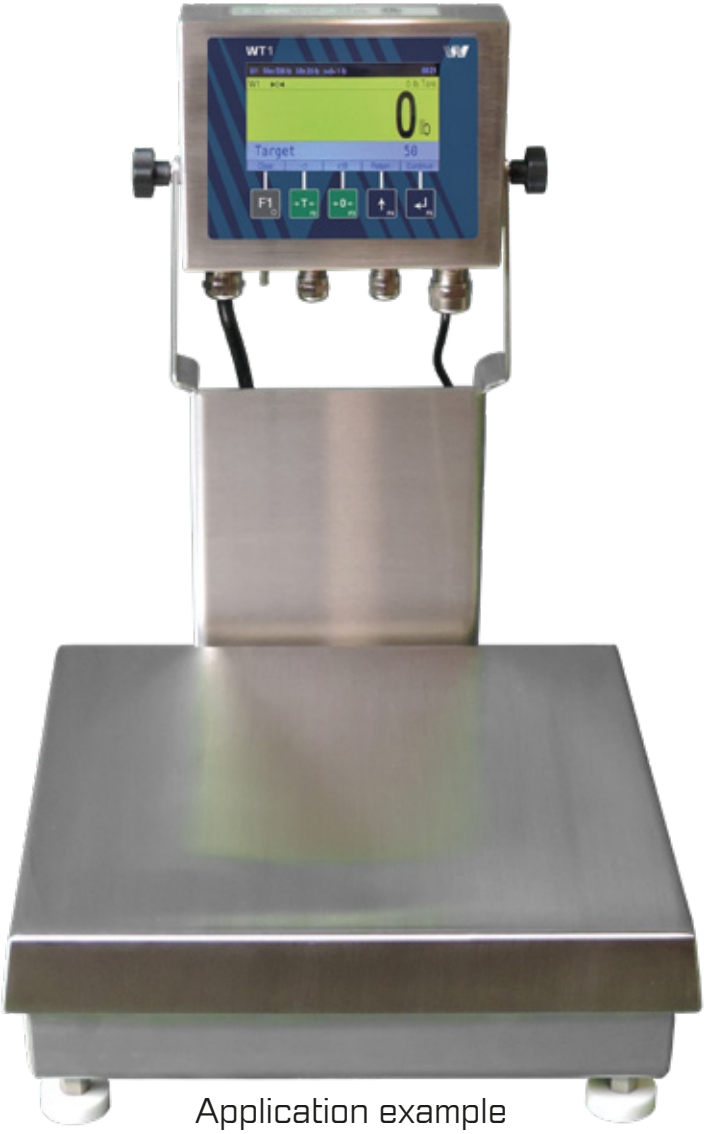
- Serial interface (SIM) for PC, printer, or remote display,
- Ethernet module (SIM-NET) for the connection to TCP/IP Ethernet network/network printer,
- USB module (SIM-USB) for the connection to the printer or PC keyboard,
- I/O-Extension module (SIO) for 3rd digital output.

SOCKET FOR ALIBI MEMORY (DATA ARCHIVE) OPTION

- Memory module for the storage of the latest 1,000,000 weighings (ASM).

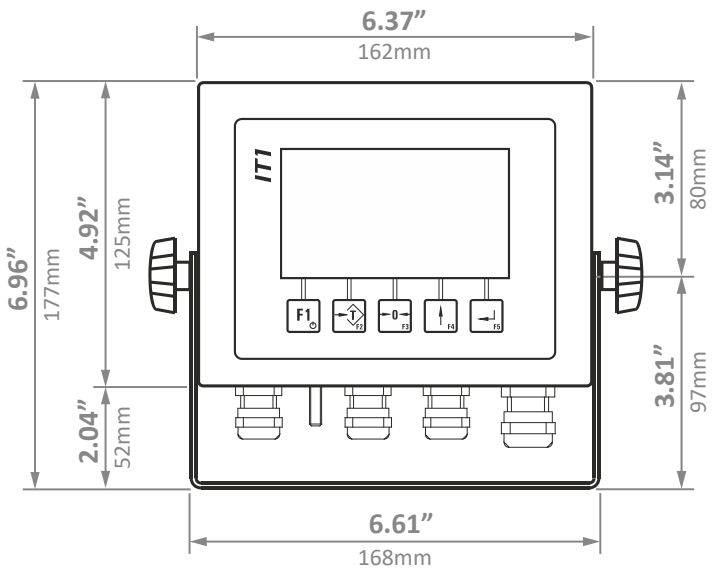
PIM SOCKET FOR ONE OF THE FOLLOWING OPTIONS

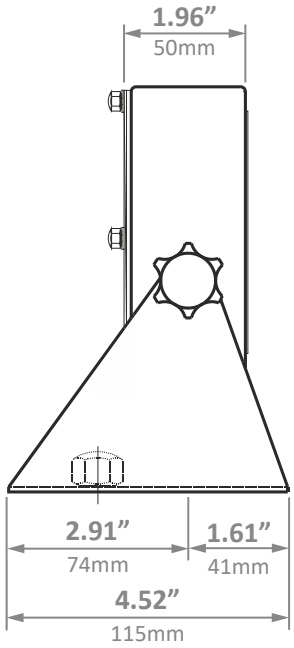
- Input/output module (PIM or PIM500),
- Analog output module (DAU15).



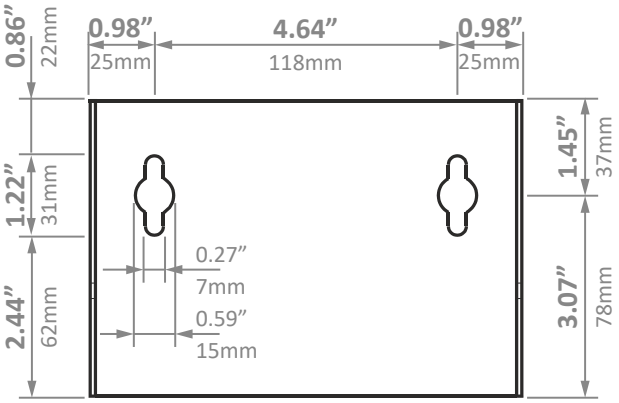
Application example

DIMENSIONS

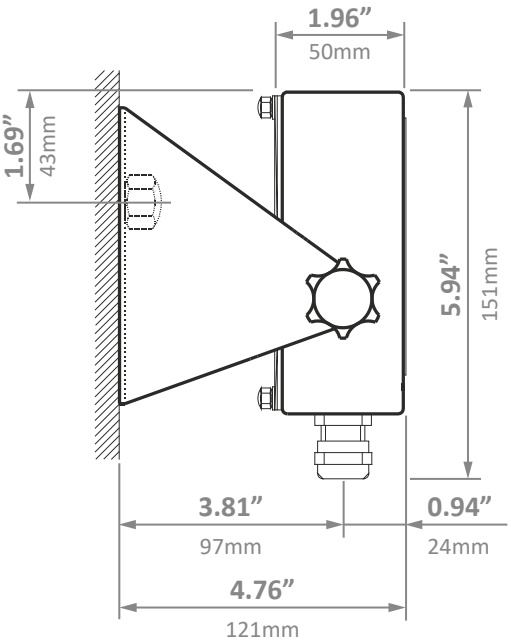




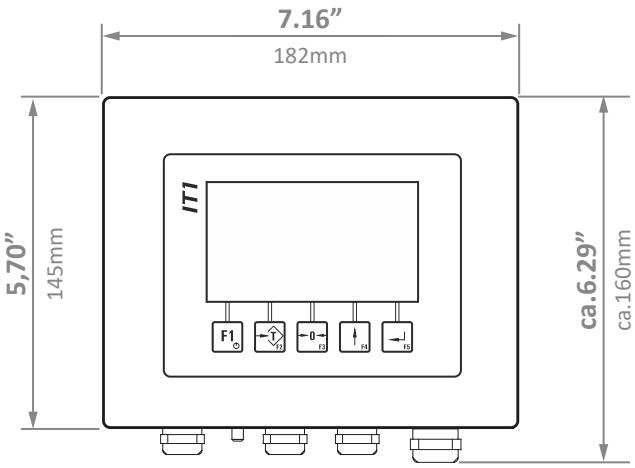
Fixing holes



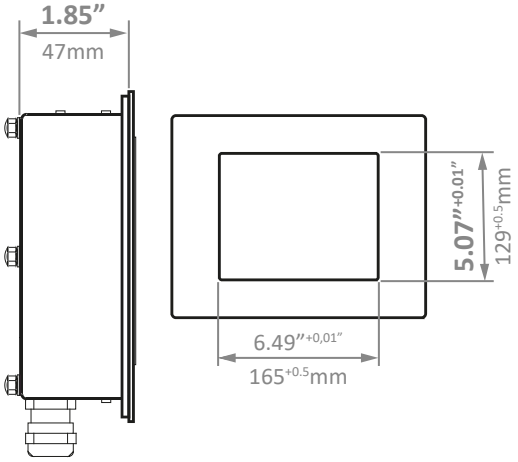
Wall-mount installation



Panel-mount installation



Cutout in panel



PART NUMBER

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Desktop

Product	Codes
WT 1 - 110 - 240 VAC	20200
WT 1 - 12 - 30 VDC	20201
WT 1 - 110 - 240 VAC w/ RS232	20202
WT 1 - 12 - 30 VDC w/ RS232	20203
WT 1 - 110 - 240 VAC w/ USB	20204
WT 1 - 12 - 30 VDC w/ USB	20205
WT 1 - 110 - 240 VAC w/ Ethernet	20206
WT 1 - 12 - 30 VDC w/ Ethernet	20207
WT 1 - 110 - 240 VAC w/ RS485	20208
WT 1 - 12 - 30 VDC w/ RS485	20209
WT 1 - 110 - 240 VAC w/ Analog Output	20210
WT 1 - 12 - 30 VDC w/ Analog Output	20211
WT 1 - 110 - 240 VAC w/ I/O Module	20212
WT 1 - 12 - 30 VDC w/ I/O Module	20213
WT 1 - 110 - 240 VAC W/ RS232-HBM c16i Digital module	20217
WT 1 - 110 - 240 VAC w/ Memory Module	20214
WT 1 - 12 - 30 VDC w/ Memory Module	20215
WT 1 - 110 - 240 for HBM Digital Load Cell	20216

Panel

Product	Codes
WT 1 - 110 - 240 VAC	20220
WT 1 - 12 - 30 VDC	20221
WT 1 - 110 - 240 VAC w/ RS232	20222
WT 1 - 12 - 30 VDC w/ RS232	20223
WT 1 - 110 - 240 VAC w/ USB	20224
WT 1 - 12 - 30 VDC w/ USB	20225
WT 1 - 110 - 240 VAC w/ Ethernet	20226
WT 1 - 12 - 30 VDC w/ Ethernet	20227
WT 1 - 110 - 240 VAC w/ RS485	20228
WT 1 - 12 - 30 VDC w/ RS485	20229
WT 1 - 110 - 240 VAC w/ Analog Output	20230
WT 1 - 12 - 30 VDC w/ Analog Output	20231
WT 1 - 110 - 240 VAC w/ I/O Module	20232
WT 1 - 12 - 30 VDC w/ I/O Module	20233
WT 1 - 110 - 240 VAC W/ RS232-HBM c16i Digital module	20237
WT 1 - 110 - 240 VAC w/ Memory Module	20234
WT 1 - 12 - 30 VDC w/ Memory Module	20235
WT 1 - 110 - 240 for HBM Digital Load Cell	20236

FIND US

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MORE INFO

PRODUCT PAGE