

Weight Indicator



FEATURES

- Economical general-purpose weighing indicator
- Large 6 digit LED display
- Serial port for printer and EDP/PC connection
- Heavy duty industrial plastic enclosure
- Sample rate up to 30 conversions per second
- 3 level digital filtering
- Consecutive transaction numbering (optional)
- Programmable ticket format up to 100 characters

DESCRIPTION

The VT 50 is an economical general purpose weighing indicator for platform scales and other industrial applications.

Serial RS-232 port provides interface to a PC / EDP or a printer, depending on the protocol selected. Ticket format can be edited and downloaded with programmable ticket numbers.

The heavy duty ABS enclosure is designed for desktop installation, yet easily adjusted for wall (tilt) or post mounting.

APPLICATIONS

- Shipping and receiving scales
- Floor Scales
- Bench scales

CONFIGURATION



ORDERING INFORMATION

Item Number	Description
VT050-9030000381	UL power adaptor, low tilt stand
VT050-9030000382	UK power adaptor, low tilt stand
VT050-9030000383	TUV power adaptor, low tilt stand
VT050-9030000384	UL power adaptor, high tilt stand
VT050-9030000385	UK power adaptor, high tilt stand
VT050-9030000386	TUV power adaptor, high tilt stand



SPECIFICATIONS

PERFORMANCE

Resolution: 10000 or 50000 dd (selectable)
 Conversion Speed: 3, 7, 15, or 30 samples (selectable)
 Sensitivity: 0.5µV/e (non-approved)
 Full scale range: 3mV/V
 Linearity: 0.01% of full scale
 Excitation: +5VDC with sense (6 wires)
 Number of Cells: Up to 4, 350 ohm load cells
 Filter: digital filter - 3 stages
 A/D Converter Type: Sigma-Delta, ratiometric
 Count By: x1, x2, x5, x10, x50
 Decimal Point: between any digits of the weight display
 Calibration Methods: dead load and span, store in EEPROM
 Weighing Functions: automatic zero tracking, motion detection, auto-zero on power-up, zero, tare, gross/net print, units conversion

ELECTRICAL

Voltage: 12VDC or 115 or 230VAC using power adapter
 Power: 8W

SERIAL COMMUNICATION

Serial Output: RS-232
 Baud Rate: 300 - 9600 baud, full duplex
 Applications: printer output, or PC/EDP interface

ENCLOSURE

Heavy duty industrial plastic enclosure
 Dimensions: 186.3x103x95mm LxHxD
 (7.32x4.05x3.74in. LxHxD)
 Mounting: desktop standard
 optional wall (tilt) and post mount

ENVIRONMENTAL

Operating Temp: -10°C to +40°C (14°F to 104°F)
 Storage Temp: -10°C to +70°C (-4°F to 158°F)
 Relative Humidity: 40-90% RH, non condensing

Vishay Transducers is continually seeking to improve product quality and performance. Specifications may change accordingly.

DISPLAY AND KEYBOARD

Display: 6 digit, 7-segment, LED, 20.3mm
 Status enunciators: no motion, zero, net, units (kg, lb, g, oz)
 Weight Digits: 4, 5 or 6 (setup selectable)
 Keyboard: 5 key membrane keyboard, with tactile feedback

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