Weight Indicator

FEATURES

- Housed in a box of rigid stainless steel
- Three different levels can be monitored
- Pre-set level values can be shown
- Computer communication via interfaces RS-232 or RS-485

DESCRIPTION

WIN 3, is housed in a rigid IP-65 box of stainless steel and contains only circuits which are required for presentation of weight and monitoring of levels. Gross weight, Net weight and Tare can be requested on the front panel. The remaining keys are used for simple setting-up and calibration of the instrument.

Three different levels can be monitored. Each level can be programmed to monitor gross, net or displayed weight. Pre-set level values can be shown at any time.

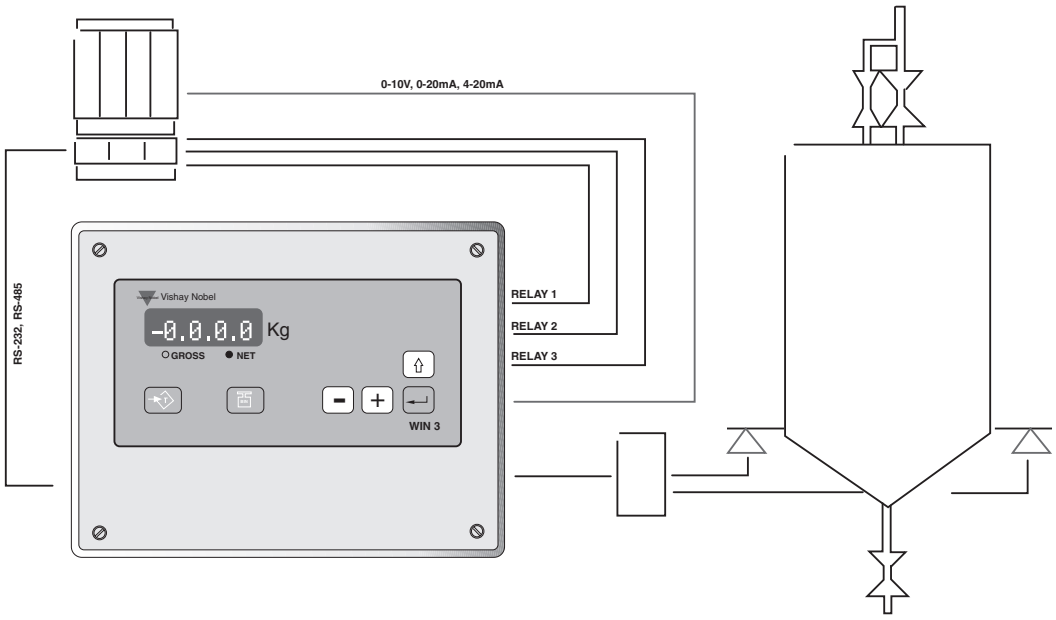
WIN 3 has an analogue current or voltage output for the connection of an analogue recording device or slave instrument. Computer communication is carried out via interfaces RS-232 or RS-485.

The integrity of the weight value is guaranteed by automatic functioning inspection of the electronics, and watchdog monitoring.

APPLICATIONS

Process Weighing

POSSIBILITIES



SPECIFICATIONS

Display ± sign and 4 digits (7 segment LED'S)

Height 15mm. Selectable resolution.

Recommended up to 3000 divisions for mV/V input signal.

Level relays

Number of relays 3 independent.

Relay type 1 change over.

Contact data Max. 2A, 30V AC/DC.

Transducer input

Excitation 10V ±5 %, max. 150mA. Symmetrical to earth.

Sense-input 2-10V. Low sense will increase noise level up to 4µVp-p.

Update time <0.4s.

Input for full scale 4mV/V. (40mV at 10V sense input)

Temperature effects of the signal to digital conversion

on zero <0.1µV/°C

on gain <15ppm/°C

Analogue output

Voltage output 0-10VDC, max 10mA, optoisolated

or

Current output 0-20mA, 4-20mA, optoisolated, max. 500 ohm resistive load.

Resolution More than 5000 steps

Temperature effects of the digital to output conversion

on zero <0.006%/°C

on gain <50ppm/°C

Interface RS-232/RS-485

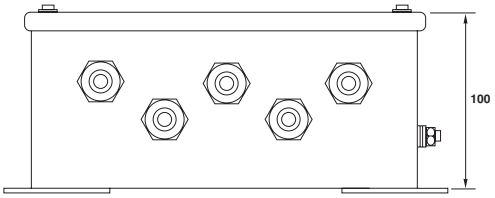
Power supply 94-132VAC/200mA, 187-264VAC/100mA, 48-62Hz

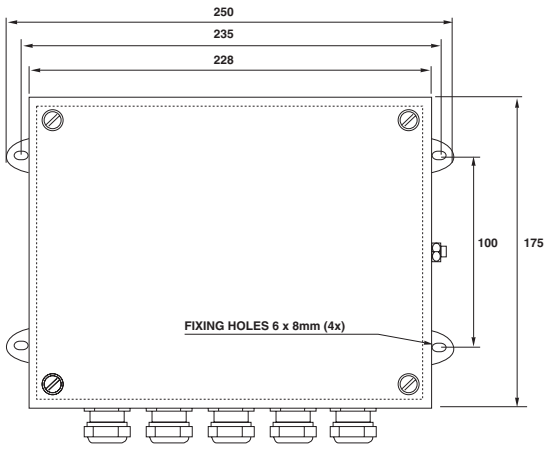
Temperature range 0- +50°C

Connections Connector blocks with screw terminals.

Protection IP 65

DIMENSIONS





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