WINOX-R

Stainless steel weight indicator for platform scales

IP68 · MADE IN EU · RS485 RS232 · ANALOG OUTPUT · AISI 304 STAINLESS STEEL · Modbus RTU

Indicator holder bracket and column (opt.)

Desk version

Panel mounting

DESCRIPTION

AISI 304 stainless steel weight indicator.
6-digit semi-alphanumeric red LED display (20 mm height).
16 signaling LED.
6-key keyboard.
Real-time clock/calendar with buffer battery.

INPUTS/OUTPUTS AND COMMUNICATION

RS485/RS232 serial ports for communication via protocols ModBus RTU, ASCII Laumas or continuous one way transmission.
5 relay outputs controlled by the setpoint values or via protocols (4 outputs if analog output is present).
3 optoisolated PNP digital inputs: status reading via serial communication protocols (2 inputs if analog output is present).
1 load cell dedicated input.
Current or voltage 16 bit optoisolated analog output (option on request).

OPTIONS ON REQUEST

ANALOG OUTPUT	Optoisolated 16 bit **analog output**. ➔ *One input and one output not available.*	OPZW1ANALOGICA
Ex	**X Version**: **ATEX II 3GD (zona 2-22)** (CE - UKCA)	WINOX-X

The Company reserves the right to make changes to the technical data, drawings and images without notice.

Rev. 00 del 05/09/2025

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TECHNICAL FEATURES

Power supply and consumption	12÷24 VDC ±10%; 6 W (on request P version: 115/230 VAC; 50/60 Hz; 6 VA)
Number of load cells • Load cells supply	up to 8 (350 Ω) - 4/6 wires - 5Vdc 120 mA
Linearity • Analog output linearity	<0.01% full scale • <0.01% full scale
Thermal drift • Analog output thermal drift	<0.0005% full scale/°C • <0.003% full scale/°C
A/D Converter	24 bit (16000000 points) - 4.8 kHz
Divisions (with measurement range ±10 mV and sensitivity 2 mV/V)	±999999 • 0.01 □V/d
Measurement range	±39 mV
Usable load cells sensitivity	±7 mV/V
Conversions per second	300/s
Display range	±999999
Decimals • Display increments	0÷4 • x1 x2 x5 x10 x20 x50 x100
Digital filter • Readings per second	10 levels • 5÷300 Hz
Relay outputs	5/4 - max 115 VAC/150 mA
Optoisolated digital inputs	3/2 - 5÷24 VDC PNP
Serial ports	RS485, RS232
Baud rate	1200, 2400, 4800, 9600, 19200, 38400, 115200 (bit/s)
Optoisolated analog output (option on request)	16 bit = 65535 divisions. 0÷20 mA; 4÷20 mA (up to 300 Ω) 0÷10 V; 0÷5 V; ±10 V; ±5 V (min 10 kΩ)
Humidity (condensate free)	85%
Storage temperature	-30 °C +80 °C
Working temperature	-20 °C +60 °C

c UL us	Relay outputs	5/4 - max 30 VAC, 60 VDC/150 mA
	Working temperature	-20 °C +50 °C
	Equipment to be powered by 12-24 VDC LPS or Class 2 power source	

ACCESSORIES ON REQUEST

	ACCESSORIES	CODE
	Stainless steel adjustable bracket for wall and table mounting.	STAFFAIWINOX
	Supports for front panel mounting.	STAFFEWINOX
	ABS support for column mounting.	STAFFAIWINOXSUP
	Stainless steel indicator-holder column (Ø38 mm, height 700 mm). Painted steel bracket for platform/floor mounting.	COLONNAM + STAFFACN
	Stainless steel indicator-holder column (Ø38 mm, height 700 mm). Stainless steel bracket for platform/floor mounting.	COLONNAM + STAFFAIN

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