



WINOX-BL/R
Weighbridge Indicators



WINOX-BL LCD display
WINOX-BR red LED display

OPTIONS ON REQUEST :

- **OPZWALIBI:** - Alibi memory
 - ★ - **OPZW1RADIOWINOX:** - Two-way radio transmission
- ★) you can only choose one option from those marked with asterisk.



Versione DA TAVOLO (206 x 286 x 85 mm)
DESK version (206 x 286 x 85 mm)



U.S. and Canada **UL** [®] **US** on request European Community registered design

EAC on request

CE M APPROVABLE
10000 divisions-0.2µV/VSI

back view



/ back type "D"

IP 40 DESK version with 4 D-SUB connectors. Dimensioni: 206 x 286 x 85 mm. Power supply included.

▼ ALI24SPINA1AJACK (incluso)



24VDC 1A stabilized power supply, input 100-240 VAC, 3 meters long cable

AISI 304 stainless steel weight Indicator (dimensions: 206x286x108 mm), IP40 protection rating. 19-key membrane keyboard with buzzer. Real-time clock with buffer battery.

- **WINOX-BL:** Six-digit backlit LCD semialphanumeric display (20 mm h), 7 segment; 46 signaling symbols.
- **WINOX-BR:** Six-digit red LED semialphanumeric display (20 mm h), 7 segment; 16 signaling LED.

- Three serial ports (1x RS232 and 2x RS485) for connection to:
- PC/PLC up to 32 instruments (max 99 with line repeaters) by ASCII Laumas protocol or ModBus RTU.
 - Remote display.
 - Printer.

THEORETICAL CALIBRATION is performed via the keyboard.
REAL CALIBRATION with linearization up to 5 points.



TECHNICAL FEATURES

12 - 24VDC +/-10% ; 6W
max 8 (350 ohm) ; 5VDC / 120 mA
< 0.01% Full Scale
< 0.0005 % F.S./°C
24 bit (16000000 points) 4.8kHz
± 999999
± 39 mV
± 7 mV/V
300 conversions/sec.
- 999999 ; + 999999
0 - 4 / x 1 x 2 x 5 x 10 x 20 x 50 x 100
0.012 - 7 sec / 5 - 300 Hz
N. 5 - max 115 VAC ; 150 mA
N. 3 - optoisolated 5 - 24 VDC PNP
1x RS232, 2x RS485
2400, 4800, 9600, 19200, 38400, 115200
85%
-30°C + 80°C
-20°C + 60°C
-10°C + 40°C

POWER SUPPLY and CONSUMPTION
NUMBER OF LOAD CELLS IN PARALLEL and SUPPLY
LINEARITY
THERMAL DRIFT
A/D CONVERTER
MAX DIVISIONS (with measure range: +/- 10mV =2mV/V)
MEASURE RANGE
MAX LOAD CELL'S SENSITIVITY
MAX CONVERSIONS PER SECOND
DISPLAY RANGE
DECIMALS / DISPLAY INCREMENTS
DIGITAL FILTER / CONVERSION RATE
LOGIC OUTPUTS (relays)
LOGIC INPUTS
SERIAL PORTS
BAUD RATE
HUMIDITY (condensate free)
STORAGE TEMPERATURE
WORKING TEMPERATURE
WORKING TEMPERATURE (CE-M APPROVED)

MAIN FUNCTIONS

- Double weighing (Entry and Exit)
- Single weighing (Entry or Exit)
- Double weighing with trailer
- Single weighing with trailer
- Multiple weighing (weighing of multi-compartment trucks).
- Open input weighs archive (max 254)
- Trucks database with password, max 999 preset tare that can be stored and recalled
- Traffic light function
- Totals management (loaded and unloaded material)
- Customizable print header (4 lines) via PC
- Supported external printer: Epson TM-U295, Epson LX300, Custom Kube II, Laumas STAVT.

CE M *approvable EN45501-2014/31/UE-OIML R76:2006*

- Maximum number of verification scale intervals $n=10000$
- Minimum input-voltage per VSI 0.2 μ V
- Weighing range single range or multi range (max 3) or multi interval (max 3)
- Calibration via keyboard is protected through seals for the access to a setting jumper or installer password
- Weight subdivisions displaying (1/10 e)