DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

DFWX

DFWX: IP68/IP69K MULTIFUNCTION WEIGHT INDICATOR

NEW



IP68

IP69K

PRODUCTS MADE IN ITALY

AISI 304 STAINLESS STEEL

High performance, compact and robust IP68/IP69K stainless steel weight indicator with interactive backlit RGB display. The numerous connectivity options make it a versatile weight gauge suitable for advanced industrial applications.

Working in cooperation with:

UAB DESKA

B40 ERDVE, VEJO STR. 143/145 5 - LT-92339 - KLAIPEDA - LITHUANIA
Tel. 00370-46-381089 Fax. 00370-445-76466
info@deska.lt

The best solution for advanced industrial applications

TECHNICAL FEATURES

- AISI 304 stainless steel case
- IP68 and 69k protection rating
- 6-digit 25mm LCD display with RGB backlighting (7 selectable colors)
- Configurable light intensity
- 21-key numeric-functional keypad
- Swivel-tilt support bracket with mounting holes.
- Compact size: 170 x 200 x 70 mm.
- Configurable power-saving functions, to minimize power consumption

MEASUREMENT AND METROLOGICAL CHARACTERISTICS

- Connectable to up to 16 load cells with 350Ω output resistance.
- Single-range, multi-range or multi-interval approvable, Class III or IIII, up to 10,000e per range. Minimum signal 0.3μV/e.
- Calibration up to Max. 800,000 divisions, for internal factory use; Minimum signal 0.01μV/e.
- Internal resolution up to 3,000,000 points, ideal for high resolution applications and accurate part counting.
- Up to 8 points of signal linearization.
- Digital calibration and set-up from keyboard or PC with DINITOOLS.
- Functions for silo and tank calibration
- Weighing recording approved for data exchange with PC and Management, via Alibi Memory option or D-LEGAL PC software.

INPUT

For DFWX and DFWX-ETH models

- Internal power supply 110/230VAC
- 1m power cord and EU, UK, AUS, US plug depending on model (CH optional)

For Model DFWXB - DFWXB-WIFI

- Internal Lithium battery (duration of up to 100h depending on the model and mode of use)
- Internal power supply 230VAC\12VDC
- 1m power cord and EU, UK, AUS, US plug depending on model (CH optional)

METROLOGICAL CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)

COMMUNICATION PORTS – INPUTS\OUTPUTS

- RS232 on screw terminals for connection to PC/Dini Argeo printers
- RS232 on AMP connector, with CTS, for connection to Dini Argeo printer
- RS485 on screw terminals for connection to PC/PLC, with Modbus RTU or ASCII protocol
- USB-C for connection to PC
- Ethernet TCP\IP port (model DFWX-ETH). (Includes Modbus-TCP protocol)
- WiFi Port (Model DFWXB-WIFI)

Optional:

- RadioFrequency 2.4GHz
- BLE 5.0
- Analog output
- Expansion board with 2 IN and 6 OUT digital

Consult the technical manual for more technical information.

The communication ports are independent of each other and can all work together at the same time.

	DFWX	DFWX-ETH	DFWXB	DFWXB-WIFI
Alibi memory	Opt	✓	Opt	✓
RS232	✓	✓	✓	✓
RS232	✓	✓	✓	✓
RS485	✓	✓	✓	✓
Type-C USB	✓	✓	✓	✓
Radio RF 2,4GHz	Opt	Opt (Ext)	Opt	Opt (Ext)
BLE 5.0	Opt	Opt (Ext)	Opt	Opt (Ext)
Ethernet TCP\IP	-	✓	-	-
WiFi	-	-	-	✓
Analog output	Opt	Opt	Opt	Opt
Digital I\O	Opt	Opt	Opt	Opt
Radio Frequency Remote Control	Opt (Ext)	Opt (Ext)	Opt (Ext)	Opt (Ext)

✓ = *standard*
Opt = *optional, integrated*
Opt (Ext) = *Optional external box, occupies one RS232 serial port*

NEW MULTIFUNCTIONAL PROGRAM

DFWX's new weighing program revolutionizes the concept of multifunction, allowing multiple functions to be used simultaneously:

- Conversion of weight to lb, N or customized
- Counting pieces in loading or unloading
- Piece-weight control in loading or unloading, with thresholds programmable from keypad or via communication protocol
- Piece-weight totalization
- Automatic Tare function

The combination of multiple modes of operation, combined with programming flexibility, make the DFWX the new benchmark for configurable weight indicators

AVAILABLE LANGUAGES IN PRINT

- IT, EN, FR, DE, ES, PT, PL, RO, EL*

  * For Chinese and Greek, printer/labeler programming is required (CODEPG, only when ordering)

DETAIL 1



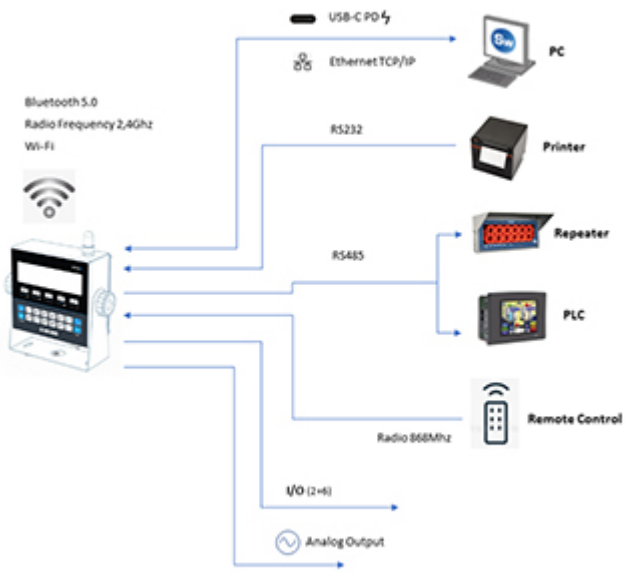
DETAIL 2



DETAIL 3



DETAIL 4



www.diniargeo.com



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SALES AND TECHNICAL ASSISTANCE SERVICE

All the specifications and images can be subject to variations and upgrades without prior notice.