DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

DFWXS

DFWXS: IP68 AND 69K MULTIFUNCTION WEIGHT INDICATOR WITH 5-KEY “SMART” KEYPAD



Versatile and compact IP68 and IP69K stainless steel weight indicator with interactive backlit RGB display. Multiple connectivity options make it ideal for applications and scales in industrial environments to weigh and convert weight.

Working in cooperation with:

DATA CONTROL SRL
SANTU FLORESTI, STR GHIRLANDEI 25a - 42161
BUCURESTI ROMANIA
Tel. 40744357469

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
- Mechanical 5-button “smart” keyboard
- Swivel-tilt support bracket with mounting holes
- Compact size: 170 x 200 x 70 mm.
- Configurable power-saving functions, to minimize power consumption
- Fully customisable weight string
- Customisable weight reading command
- Modbus ASCII/RTU

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.
- Calibration in Newtons (for internal use only).
- Theoretical calibration.
- Calibration for silos and hoppers.
- Up to 8 points of signal linearization.
- Digital calibration and set-up from keyboard or PC with DINITOOLS.
- Weighing recording approved for data exchange with PC and Management, via Alibi Memory option or D-LEGAL PC software.

SUPPLY

- Internal 110/230VAC power supply and internal rechargeable battery, with approximately 100h battery life, with 1.5m power cord and standard EU plug (UK, AUS, US plug optional).

METROLOGICAL CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)

COMMUNICATION PORTS

- RS232 on RJ45/screw terminals for connection to PC/printers Dini Argeo
- RS232 on AMP connector, with CTS, for connection to Dini Argeo printers
- RS485 on screw terminals for connection to PC/PLC, with Modbus RTU or ASCII protocol
- Internal USB-C for connection to PC

Optionals:

- Ethernet TCP/IP port (Includes Modbus-TCP protocol)
- WiFi Port
- RadioFrequency 2.4GHz (to be combined with carrier board)
- Wireless Personal Area Network (to be combined with carrier board code CBD)
- 4...20mA o 0...10V analog output (to be combined with carrier board)
- Expansion board with 2 IN and 6 OUT digital

Note: Please see the technical manual for more technical information.

	DFWXS	DFWXSB
Alibi memory	Opt	Opt
RS232	✓	✓
RS232	✓	✓
RS485	✓	✓
Type-C USB	✓	✓
Radio RF 2,4GHz	Opt	Opt
WPAN Options	Opt	Opt
Ethernet TCP/IP	Opt	Opt
WiFi	Opt	Opt
Analog output	Opt	Opt
Digital I\O	Opt	Opt
Radio Frequency Remote Control	Opt (Ext)	Opt (Ext)

✓ = *standard*

Opt = *optional, integrated*

Opt (Ext) = *Optional external box, occupies one RS232 serial port*

FUNCTIONING MODES

The multifunction weighing program offers:

- Weight conversion in lb, Newton or with freely programmable conversion factor
- Hold
- Peak (in kg or Newton)
- Animal weighing
- Piece counting
- Pieces control
- Weight control (net, gross, take-away, on zero)
- Percentage weighing
- Totalization in loading or unloading
- Manual formulation
- Automatic Tare function

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 4


USB-C PD
Ethernet TCP/IP
PC
RS232
Printer
Repeater
RS485
PLC
Remote
Control
Radio 868 Mhz
I/O (2+6)
Analog Output
BLE and BTH 4.2
Radio Frequency 2,4 Ghz
Wi-Fi

www.diniargeo.com



"YOUR WORLDWIDE PARTNER FOR WEIGHING"

DINI ARGEO FRANCE sarl	DINI ARGEO GMBH	DINI ARGEO UK Ltd	DINI ARGEO WEIGHING INSTRUMENTS Ltd	DINI ARGEO OCEANIA
France	Germany	United Kingdom	China	Australia

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A RICE LAKE WEIGHING SYSTEMS COMPANY

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SALES AND TECHNICAL ASSISTANCE SERVICE

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