DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

DFWL-10

"DFWL PLUS": MULTIFUNCTION WEIGHT INDICATOR ADVANCED VERSION

This indicator is the advanced version of the DFWL series, with new high-end functions, such as:

- Fully customisable weight string
- Customisable weight reading command
- Modbus ASCII/RTU
- Ready for communication with D-LEGAL and D-API programmes

CE-M approvable (OIML R-76 / EN 45501).

Working in cooperation with:

TEMLOGICA LDA AUTOMAÇÃO E SISTEMAS DE MEDIDA IND. UNIP
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The best solution for advanced industrial applications

MAIN FEATURES

- Weight indicator with ABS case, 25mm backlit LCD display with 6 high contrast digits and icons for showing the active functions. 5-key functional waterproof keypad.
- Easy to clean ABS IP54 case, resistant to harsh and corrosive environments.
- Suitable for use on the table, column, or wall.
- Fitted with fixing bracket with adjustable inclination.
- A/D 24 bit, 4 channel converter, max. 200 conv./sec. autoselect, and up to 8 signal linearisation points.
- Up to 10.000e or multirange 3 x 3000e @ 0,3 µV/e in CE-M approved versions for legal for trade use.
- Up to 1.000.000 displayable divisions with internal resolution up to 3.000.000 points.
- Connection with up to 8 load cells with input resistance equal to 350 Ohm or up to 16 cells of 700 Ohm each.
- Digital calibration and Set-Up from keypad or from PC through DINITOOLS.
- Power supply from 5 to 12Vdc. EU, UK, US, AU plugs included as standard.
- Power supply: 12V power unit included (if connected it excludes the battery supply) or 4 AA batteries (not included), operating time up to 40 hours.

MAIN CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)
- OIML R76
- Australian legal for trade certificate of approval (NMI S788)

I/O SECTION

- RS232/C bidirectional port on RJ11 connector for quick connection on screw terminal, configurable for PC, PLC, or additional remote display
- ASCII Protocol
- MODBUS RTU/MODBUS ASCII protocol

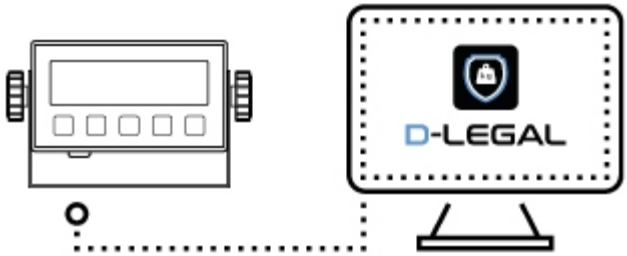
NEW: PROGRAMMABLE COMMUNICATION STRING

- The DFWL PLUS indicator offers the possibility of completely customization of the data string output from the serial port, greatly simplifying the integration of the indicator in systems that communicate with pre-existing PC programmes.
- Customisation also concerns the weight reading command, in order to function correctly also in systems with on-demand string sending.

NEW: D-LEGAL AND D-API PROGRAMMES

- The new weighing software D-LEGAL is a virtual alibi memory that allows you to save approved weighs directly on a PC, with no memory limits.
  D-LEGAL is designed to simplify data exchange with external programmes through a complete API package.
  D-LEGAL can communicate with the Dini Argeo DGT4X, DGT1SX, DGT1P, DGT1SP, DFWIECEX , DFWL PLUS and DFWLI PLUS transmitters and indicators.

  Main features:
  - Approved and encrypted weighing database that is searchable and exportable in Excel format
  - Potentially unlimited storage memory



  - Available in an internal use version (D-API)

AVALABLE LANGUAGES FOR PRINTING

- IT, EN, FR, DE, ES, PT, CN*, EL*

  * For Chinese and Greek a programming of the printer/labeler is required (S1, only at the time of order)

SELECTABLE FUNCTION MODES

- The user can select the operating modes directly using the dedicated key*:
  - High resolution display x 10
  - Precision weighing with temporary recalibration via a sample weight (for internal factory use)
  - Net/Gross
  - Lb to Kg converter
  - Free conversion factor (for meter and litre counters etc.)
  - Weight totalizer
  - Formulizer
  - +/- controller with quick target and threshold input
  - Percentage weighing
  - Piece counter
  - Hold
  - Detection of weight peaks* *These quick access keys to the menus can be blocked by configuring a dedicated password.*

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.