

# "DFWLID": STAINLESS STEEL WEIGHT INDICATOR WITH LARGE DIGITS LCD DISPLAY



DFWLID indicator.



The color of the backlight, in the tolerance control function, automatically changes depending on the weight.



View of the front, fitted with a protective cap of the RS232 port on RJ45, and hole at disposal.

Easy to programme and use, versatile and high performing weight indicator. The 40mm big colored backlit display gives a clear view of the weight and helps the user during the weighing operations. The wide range of available functions and interfaces make it suitable for multiple industrial and commercial weighing applications, such as floor scales, mobile weighing, etc. Fitted with an IP68 stainless steel case and a built-in rechargeable battery. CE-M approvable (OIML R-76/EN 45501).

## MAIN FEATURES

- 5-key functional waterproof keypad.
- Backlit 40mm LCD display with 6 high contrast digits with icons for showing the active functions.
- Color and brightness of the backlighting, customizable from Setup.
- Easy to clean stainless steel IP68 case, resistant to harsh and corrosive environments.
- Dimensions: 243x145x78,4mm.
- Suitable for use on the table, column, or wall.
- 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  $\mu$ V/d 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 through built-in rechargeable battery, with 40h operating time, and fitted with external battery charger.

## FUNCTIONS

- **MAIN FUNCTIONS:**
  - Zeroing
  - Automatic tare
  - Presetable tare
  - Printing in 1, 2 or 3 copies
  - Data transmission to PC.
- **OPERATING MODES:**



View of the back, fitted with two fixing brackets, power supply connector, PG9 fairlead for platform, and hole at disposal.

- High Resolution Weighing x 10
- Net/Gross or lb/kg conversion
- Accumulation
- Formula weighing
- +/- Checkweighing
- Percentage weighing
- Approved transmission of the weight to PC/PLC (with Alibi memory ALMEM option)
- Counting
- In/Out Truck weighing
- Hold and Peak.

### I/O SECTION

- RS232/C bidirectional port on RJ connector for quick connection (or USB as an extra option) or RS485 on screw terminal, configurable for PC, PLC, or additional remote display.
- RS232/C bidirectional port configurable for connection to printer or labeller.
- IR input for remote control.

### OPTIONS and ACCESSORIES

- Real time clock.
- Alibi memory with real time clock.
- USB interface for cable connection to PC.
- USB key for saving the weighs.
- Stainless steel support column.
- Infrared remote control.
- PC program for saving the weighs.
- Zener barriers for hazardous areas.
- Large digits repeater.

### Available versions

Code	Description
DFWLID	Weight indicator with IP68 stainless steel case, 40mm LCD display with color backlit, built-in rechargeable battery, and 5 waterproof keys.

### Options only available at time of order

Code	Description
KCEM	Kit of plates and Welmec form for the approval of the system for legal for trade use, for each provided platform/weighing system, connected to Dini Argeo indicator.
SWM	WeiMonitor PC program for monitoring and recording in real time all the weighs executed on the connected scale.
MSTSLV	Optional program for using the indicator as a universal weight repeater or as a multi-scale repeater (MASTER) in combination with the DFW/DGT/MCW.
VENT	Air valve for regulating the humidity and the pressure inside the indicator, advised for IP68 applications.
DFTL12	Infrared remote control, with 19 keys, for use up to 8 m of distance.
DFCLK	Real time clock for printing/displaying of the date and time.
ALMEM	Alibi memory (fiscal memory, max 120.000 weighs) for approved transmission of the weight to PC/PLC. Real time clock integrated for print of the date/time.
USBC	Built-in USB port kit inside the indicator, complete of USB key for PC, with 2GB storage.
USBMB	USB interface, as an alternative of the standard connector RJ, for quick connection of the indicator to PC.

<b>USBCABMB</b>	USB cable, 1m long, for connection between indicator and PC (for USBMB interface).
<b>LCCBC</b>	Shielded cable for platform, l= 50 cm + female connector to be soldered.
<b>LCCB5C</b>	Shielded cable for platform, l= 50 cm + 5 m extension cable.
<b>LCCB10C</b>	Shielded cable for platform, l= 50 cm cable + 10 m extension cable.
<b>RSCBRJ</b>	RS232/C serial cable l= 1,5 m, for connection of the indicator to PC, made up of DB9 connector (9-pole) on PC side and RJ connector on indicator side.
<b>CNFSERV</b>	Custom-made printouts at our premises, for DFW series indicators (functioning mode and print heading) connected to the TPR series printers or LP542S labeller. NET PRICE.
<b>KMB4</b>	Kit of 3 passive safety zener barriers for up to 4 load cells of 350 ohm, housed in an ABS box, for intrinsic protection weighing systems in a hazardous area. Marking of the single barrier: ATEX II (1) GD [Ex ia] IIC [Ex iaD]. Marking of the whole box with three Zener barriers: ATEX II 3G Ex nA II T4 IP65 (-20°C ≤ Ta ≤ +40°C).
<b>DCATEXMB4</b>	Declaration of ATEX conformity of the whole, Ex II 2GD IIC T6 T125°C X system, with relative label of whole system, for NON ATEX weight indicator connected to Dini Argeo zener barriers, connected to mechanical structure with ATEX load cells (each cell must be certified with CCATEX option). ATEX CONFORMITY DECLARATIONS will be supplied in English.
<b>TECSUP</b>	Technical assistance by telephone or at our premises for instrument configuration and printout formatting. NET HOURLY PRICE.

### Accessories

<b>Code</b>	<b>Description</b>
<b>CSP38I</b>	Stainless steel support column for the indicators of the DINI ARGEO and SCALE HOUSE range. Dimensions 520 x 527 mm, 1026 mm high, tubular Ø = 38 mm.
<b>STFR</b>	Stainless steel fixing bracket for mounting the weight indicator on wall, with adjustable inclination.
<b>LP542S</b>	Thermal labeller with peel-off system, with 1,5 m RS232 cable for connection to weight indicator, external 100/240 Vac power adapter.
<b>DGT60R</b>	<b>Weight repeater</b> with IP68 stainless steel case, 5-key keypad, 60 mm LED display, and configurable protocol.
<b>UKPLUG</b>	Power adapter from Schuko to BS1363.
<b>UMAN</b>	Printed user manual (free, if downloaded from the web and available in the CD, fitted with the product). NET PRICE.
<b>TECMAN</b>	Printed technical manual (free, if downloaded from the web). NET PRICE.