

# DFWXT: IP68 MULTIFUNCTION WEIGHT INDICATORS



DFWKXTBC with optional remote control

**High performance and versatile weighing indicators. A wide range of application programmes and interfaces make these suitable for many industrial and commercial weighing applications such as platform scales, mobile weighing, etc.. CE-M approvable (OIML R-76 / EN 45501).**

## MAIN FEATURES

- 17-key numerical and functional waterproof keypad.
- 25mm LCD backlit display with 6 high contrast digits with icons indicating the active functions.
- Easy to clean **STAINLESS STEEL waterproof IP68** enclosure built to withstand harsh washdown and corrosive environments.
- Suitable for use on the table, column, or wall.
- Dimensions: 264x174x115mm.
- 24-bit A/D converter, 4 channels, up to 200 conv./sec. 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 version for legal for trade use.
- Up to 800,000 displayable divisions with internal resolution up to 3.000.000 points.
- Digital calibration and set-up through keyboard or PC with DINITOOLS.
- Built-in rechargeable battery (60 hours with one 350-Ohm load cell) and power supply 110-240 Vac.
- Connectable with up to 8 350-Ohm load cells or up to 16 700-Ohm load cells.



## SOFTWARE SCALEMONITOR

Scalemonitor is a simple and economical solution for receiving the weight data from PC to one or more scales, and making them suitable and sorting in the most common office format



discover  
SCALEMONITOR

## MASTER/REPEATER OPTION (MSTSLV code)

Specific programme for use of the indicator as a universal weight repeater or as a multi-scale repeater (MASTER) in combination with DFW/DGT/MCW.



### FUNCTIONING MODES:

#### - Multi-scale repeater (MASTER):

function which allows to repeat up to 32 independent scales, with the possibility of managing their functions, or displaying and printing the sum of the weights of all the scales.

#### - UNIVERSAL weight repeater:

function which allows to repeat the weight of any scales, through the configuration of the input string.

## I/O SECTION

- RS232/C port configurable for connection with printer/labeller, or for attached printer.
- RS232/C (or optionally RS485 or USB) bi-directional port configurable for PC, PLC, remote display, and radio modem.
- IR input for remote control.

## FUNCTIONS

### KEYBOARD:

Zeroing, Automatic tare, Presetable tare, printing and/or data transmission, selectable function command, on/off switching, database of 10 tares, 2 Numeric IDs, keyboard lock, repetition of last printout made.

### SELECTABLE FUNCTIONS:

- 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(Max. resolution of 1.500.000 divisions).
- In/Out Truck weighing.
- Hold and Peak.
- Set Point Control (with DFIO option).

## OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Thermal printer option box.
- Memory data printer option box.
- Memory data printer and thermal printer option box.
- Control light option box (requires 2 DFIO cards).
- Radio modem option box.
- Real time clock.
- Alibi memory with real time clock.
- USB / RS485 / Ethernet / WI-FI interfaces.
- Board with 2 inputs + 2 setpoints (up to 2 connectable boards).
- 0-10V or from 0 to 20mA analogue output with 16bit D/A converter.

## Available Versions

### Code Description

DFWKXTBC Multifunction weight indicator with IP68 stainless steel case, 17-key keypad, backlit LCD display, and standard weighing programme (not including the repeater modes).

## 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.
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 (this option does not include the weighing functions).
VENT	Air valve for regulating the humidity and the pressure inside the indicator, advised for IP68 applications.
OBTPRI	Thermal printer for mounting attached to weight indicator, with stainless steel case, connection cable, power supply from weight indicator. Combinable with stainless steel indicators.
TPRXT	Thermal printer for mounting attached to weight indicator, with IP65 stainless steel case and a cover door for protection from sprays and dust, for harsh or strict hygiene environments, connection cable, power supply from weight indicator. Combinable with stainless steel indicators of the "XT" line.
TPRMXT	Thermal printer and memory data printer for mounting attached to weight indicator, with IP65 stainless steel case and a cover door for protection from sprays and dust, for harsh or strict hygiene environments, connection cable, memory Card, power supply from weight indicator. Combinable with stainless steel indicators of the "XT" line.
OBMMCI	Memory Data Printer for mounting attached to weight indicator, with stainless steel case, connection cable, memory card, power supply from weight indicator. Combinable with stainless steel indicators.
OBCLTI	Three way control light for mounting attached to weight indicator, with stainless steel case, connection cable, power supply from weight indicator. Combinable with stainless steel indicators of the "XT" line.
OBRF	External 868 MHz radio frequency module for weight indicator/repeater, with ABS IP65 protecting box and 3 m RS232 connecting cable; power supply from weight indicator/repeater. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF must be combined with another radio module).
OBRFUSB	868 MHz radio frequency module for PC, with PVC box and 1 m USB/mini USB connecting cable; power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRFUSB must be combined with another radio module).
DFCLK	Real time clock for printing/displaying of the date and time.
DFIO	Input/output interface with 2 optoisolated digital inputs and 2 Photomosfet outputs for management setpoints with programmable weight threshold (not combinable with ALMEM alibi memory option).
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.
DAC160	Analogue output with D/A 16 bit converter, configurable from 0 to 10Vdc or from 0 to 20mA; Maximum applicable resistance on the output in current is equal to 350 Ohm; minimum applicable resistance on the output in voltage equal to 10KOhm.
DFTL	Remote control for use up to 8 m of distance.
WIFIT	WI-FI interface for wireless connection (through access point) to the company computer system.
ETH	Ethernet bidirectional port with speed from 10 to 100 Mbps, TCP, UDP, IP, ARP, ICMP, Ethernet Mac protocols.
ETHCBRJ	Ethernet cable 1,5 m long, for connection between indicator and PC network (necessary for ETH option).
USBMB	USB interface, as an alternative of the standard connector RJ, for quick connection of the indicator to PC.
USBCABMB	USB cable for connection between indicator and PC (to be used with USBMB interface).
DF485	RS485 bidirectional port
RSCBRJ	RS232/C serial cable l= 1,5 m, for the connection of the weight indicator to PC, made up of 9-pole female connector on PC side and RJ connector on indicator side.
LCCBC	Shielded 6-pole cable for connection to weight indicator, made up of 50 cm cable with quick AMP connector and 7-pole male connector (indicator side) + 5 m extension with 7-pole female connector to be soldered (platform side).
LCCB5C	Shielded 6-pole cable for connection to weight indicator, made up of 50 cm cable with quick AMP connector and 7-pole male connector (indicator side) + 5 m extension with 7-pole female connector (platform side).
LCCB10C	Shielded 6-pole cable for connection to weight indicator, made up of 50 cm cable with quick AMP connector and 7-pole male connector (indicator side) + 10 m extension with 7-pole female connector (platform side).
CNFSERV	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.
DCATEXMB4	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 MB4 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.
TECSUP	Technical assistance by telephone or at our premises for instrument configuration and printout formatting. NET HOURLY PRICE.

## Accessories

### Code Description

CSP38D	Stainless steel support column with painted steel base, for the indicators of the DINI ARGEO and SCALE HOUSE range. Dimensions 350x350 mm, height 750 mm.
CSP38I	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.

STFI	Stainless steel fixing bracket for mounting the weight indicator on wall.
STFR	Stainless steel fixing bracket for mounting the weight indicator on wall, with adjustable inclination.
DGT60R	Weight repeater with IP68 stainless steel case, 5-key keypad, 60 mm LED display and dedicated program (not including the weighing functions).
LP542S	Thermal labeller with peel-off system, with 1,5 m RS232 cable for connection to weight indicator, external 100/240 Vac power adapter.
RSCBLP	RS232/C cable l= 1,5 m, for connection between the LP542, TTP243 or SMTPLUS labellers and weight indicator.
UKPLUG	Power adapter from Schuko to BS1363.
TECMAN	Printed technical manual (free, if downloaded from the web). NET PRICE.
UMAN	Printed user manual (free, if downloaded from the web and available in the CD, fitted with the product). NET PRICE.