

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: 260x175x130 mm.
- 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 μ V/d CE-M legal for trade.
- 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.

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Thermal printer option box
- Control light option box (requires 2 DFIO cards)
- Radio modem option box
- Memory data printer option box
- Real time clock
- Alibi memory with real time clock
- RS485 interface
- Ethernet interface
- WI-FI interface
- 2 inputs + 2 setpoints board
- 0-10V or from 0 to 20mA analogue output with 16bit D/A converter
- 4-key infrared ray remote control

SELECTABLE FUNCTIONS

- **High Resolution Weighing x 10.**
- **Net/Gross or lb/kg conversion.**
- **Accumulation.**
- **Formula weighing.**
- **+/- Checkweighing.**
- **Percentage weighing.**
- **Alibi** (with optional interface).
- **Counting** (Max. resolution of 1.500.000 divisions).
- **In/Out Truck weighing.**
- **Hold and Peak.**
- **Peer-to-peer** (up to 4 remote connectable indicators).
- **Set Point Control** (with optional interface).

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

KEYBOARD AND PRINTING FUNCTIONS

- **KEYBOARD:** Zeroing, Automatic tare, Presettable 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.
- **PRINTING:** Configurable print layout with:
 - 4 heading lines (with DINITOOLS)
 - Gross-Tare-Net and ticket number
 - Date and time (only with DFCLK)
 - Print of barcode 39 for LP542S labeller or for OBTPR printer.

Available Versions

Code	Description
DFWKXTBC	Weight indicator with 17 keys, LCD 25mm backlit display, built-in rechargeable battery, IP68 enclosure, 4-channel A/D converter, internal 110-240 Vac adapter

Options only available at time of order

Code	Description
KCEM	Plates kit, indicator Welmec form for each foreseen platform for legal for trade use
TPRXT	Attached thermal printer with IP65 stainless steel case and a cover door for protection from sprays and dust; for harsh or strict hygiene environments.
TPRMXT	Attached thermal printer with IP65 stainless steel case and a cover door for protection from sprays and dust; for harsh or strict hygiene environments. Fitted with a virtual printer (with a Memory Card) for saving the weighs.
OBTPRI	Attached thermal printer STAINLESS STEEL option box with >50mm/sec speed, 203 dpi resolution, 24/40 columns, 58 mm paper width; 50 mm Roll diameter
OBMMCI	Memory Data Printer option box in Stainless Steel with memory card for easy storage and transfer of the weighs to any Personal Computer (complete of memory card)
OBCLTI	Three way control light STAINLESS STEEL option box with programmable acoustic signal, graph bar controller, attached to the indicator
OBRF	External radio interface, fitted in ABS case with IP65 protection and a 3-metre cable, for weight indicator/repeater . Max. functioning distance in adequate conditions: 70m indoors, 150m outdoors. Up to 50 configurable channels (OBRF must be combined with another radio modem).
OBRFUSB	868MHz radio frequency module for PC with USB input, selfpowered, connectable to USB ports. Fitted with USB connection cable. Max. functioning distance in appropriate conditions: 70m indoor, 150m outdoor. 50 available channels, easily programmable from the PC.
OBRF232	868 MHz radio frequency module for PC with RS232 9-pole input, connectable to RS232 ports. Fitted with connection/power supply cable. Max. functioning distance in appropriate conditions: 70m indoors, 150m outdoors. 50 available channels, easily programmable from PC.
DFCLK	Real Time Clock (Time/date)
DFIO	Module of 2 optoisolated digital inputs + 2 Photomosfet outputs usable as programmable weight threshold setpoints (not combinable with alibi memory ALMEM)
ALMEM	Alibi memory (fiscal memory) with time/date; max. 120.000 weighs
DFTL	Remote control for use up to 8m, configurable as a single tare key or four keys
WIFIT	WI-FI interface for wireless connection (through access point) to the company computer system.
ETH	Ethernet bidirectional port, speed from 10 to 100 Mbps, TCP, UDP, IP, ARP, ICMP, Ethernet Mac protocols
ETHCBRJ	Ethernet cable, 1.5m long, for connection between indicator and PC network (necessary for ETH option)
USBMB	USB interface, as an alternative of the standard connector, for quick connection of the indicator to PC
USBCABMB	USB cable for connection between indicator and PC (to be used with USBMB)
DF485	RS485 bidirectional port
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
LCCBC	Shielded 6-pole cable, 50cm length, for connection to weight indicator, with AMP connector indicator side and 7-pole female solder connector.
LCCB5C	Shielded 6-pole cable for connection to weight indicator, made up of a 50cm cable with AMP female connector and 7-pole male connector + extension of 5m with 7-pole female connector.
LCCB10C	Shielded 6-pole cable for connection to weight indicator, made up of a 50cm cable with AMP female connector and 7-pole male connector + extension of 10m with 7-pole female connector.
RSCBRJ	RS232/C connection cable (1.5m long) to PC including female 9-pole connector and RJ connector
CNFSERV	Configuration and printout customisation on DFW series' indicators (functioning mode and print heading) on OBTPR and LP542S - NET PRICE
DCATEXMB4	DECLARATION OF ATEX CONFORMITY OF WHOLE Ex II 2GD IIC T6 T125°C 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).
TECSUP	Technical assistance by telephone or at our premises for instrument configuration and printout formatting - NET HOURLY PRICE

Accessories

Code	Description
CSP42I	STAINLESS steel support column for the DFW, 3590, TRS series' indicators. Easy to install and to clean. Adjustable feet, guaranteeing the maximum stability.
STFI	Stainless steel bracket for fixing to wall.
STFR	Stainless steel bracket for fixing on wall, with adjustable inclination
DGT60BC	Weight Indicator-Repeater with 60mm LED display, 2 inputs, 2 outputs, 1 RS232 bidirectional port and 1 RS485 bidirectional port, with 110-240 Vac internal power adapter
LP542S	Thermal labeller with peel-off system: resolution of 8 dots/mm; max. label width of 112 mm; max. speed of 127 mm/sec; RS 232/C, parallel, and USB interface. Printing of the most common BARCODES. Power supply with external 100/240 Vac power adapter. Connection cable of 1,5 m.
RSCBLP	RS232/C cable 1.5 m long for connecting the LP542 labeller to the 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) NET PRICE