

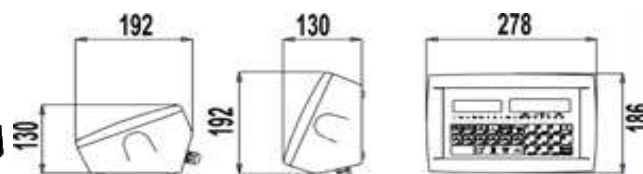
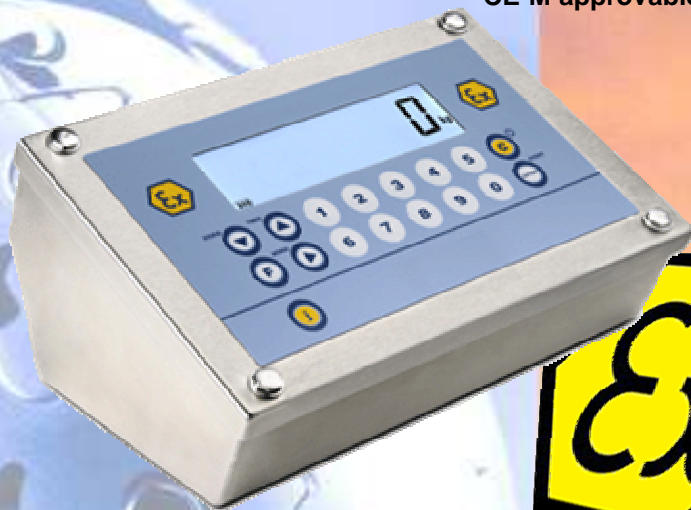
Microcontroller / weight indicator IP68 STAINLESS STEEL ,case suitable for advanced applications of vehicle input/output check (possibility of weighing a single vehicle or with trailer), data and print management.

Weight indicator for areas classified as hazardous with protection methods according to:

- II 3G Ex nR IIC T6 X / - II 3D Ex tD A22 IP68 T130°C X.

Ideal for creating weighing systems, batching, and automation systems.

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



Dimensions in mm

## CHARACTERISTICS

- Waterproof 17-key functional keypad.
- LCD display with 6 25-mm high contrast digits and with indication of active functions.
- Stained IP65 stainless steel case.
- Suitable for use on the table, or wall.
- Dimensions: 264x174x115mm.
- Up to 10.000e or multi-range 3 x 3000e @ 0,3  $\mu$ V/d in CE-M approved version for legal for trade use.
- Up to 800,000 displayable divisions for internal factory use.
- Up to 8 signal linearization points with DINITOOLS (3 from keypad).
- Internal resolution up to 3.000.000 points.
- A/D 24-bit sigma-delta conversion, up to 200 conv./sec. auto-select.
- Board protection case inside the box.
- Digital calibration and set-up from keyboard.
- Instrument management & configuration from PC with DINITOOLS.
- 4 channels (for single weighing system).
- 110-240 Vac power supply through fitted internal power adapter or fitted 6V 4,5Ah battery, rechargeable in safe zone.
- Connection with up to 8 load cells with 350 Ohm input resistance.

## FUNCTIONS

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

## I/O SECTION ZONE 1 & 21

- Fiber optic bidirectional port for connection with printer, labeller, PC, or PLC in safe area.
- 4 logic inputs and 4 barriered digital outputs, connectable to other intrinsic safety devices in a hazardous area.

## OPTIONS ZONE 1 & 21

**PW200XRD230:** Power supplier, for hazardous areas, 230 Vac input, 10,5 Vdc intrinsically safe output, complete of Exd case, with protection modes: ATEX II (2)/2 G [Ex ib]/Ex d IIC T4 and ATEX II (2)/2 D [Ex ib]/Ex tD A21 T140°C. Complete with manual and DECLARATION of CONFORMITY. The manuals and ATEX CE CONFORMITY DECLARATIONS are available in EN and IT.

**DFWBP76ATEXC:** Rechargeable ATEX battery from 9,6 Vdc and 7600 mAh for weight indicator, pallet truck scale, or crane scale.

**DFWBPAL:** Battery charger for. Warning: to be used only in a safe area.

**PW200IO:** Intrinsically safe input/output option.

**DF485EX:** RS485 bidirectional.

## I/O SECTION ZONE 2 & 22

- RS232/C port configurable for connection to printer/labeller in safe zone.
- RS232/C (or optionally RS485) bi-directional port configurable for PC, PLC, additional remote display, in safe zone.

## OPTIONS ZONE 1 & 21

**DFCLK:** Real time clock for printing/displaying of the date and time.

**DFIO3GD:** Input/Output interface with 2 optoisolated digital inputs and 2 Photomosfet outputs for management set points with programmable weight threshold (not combinable with ALMEM alibi memory option).

**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.