

## "DFWATEX2GDF": INDICATOR FOR DOSING IN ATEX 1 & 21 ZONES



Weight indicator for areas classified as hazardous, ideal for creating automatic or semiautomatic dosing systems in loading or in unloading. By simply programming the parameters, it is possible to manage single product dosing systems in loading or in unloading, or multiproduct dosing and mixtures.

EC-Type-Examination certificate according to Annex III (94/9/EC directive).

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

Figure 1 : DFWATEX2GDF: Weight indicator for dosing in hazardous areas

### MAIN FEATURES

- Waterproof 17-key numerical and functional keyboard.
- LCD display with 6 25-mm high contrast digits, clearly visible even in poor lighting conditions and with low temperatures, and icons for showing the active functions.
- Satined **IP68** stainless steel case.
- Dimensions: 264x174x115mm.
- May be angled either to be set on a table or a wall.
- A/D 24-bit sigma-delta conversion with 4 channels, up to 200 conv./sec. autoselect.
- Management of a weighing system from 1 to 4 channels (cells) with digital equalization.
- Connectable with up to 4 analogue load cells with 350 Ohm input resistance.
- Up to displayable 1.000.000d with internal resolution up to 3.000.000 points.
- Up to 10.000e or multirange 2 x 3000e @ 0,3  $\mu$ V/d in CE-M approved version for legal for trade use.
- Calibration, Set-Up parameters, configurable from keyboard or PC with Dinitools.
- Up to 8 signal linearization points with DINITOOLS (3 from keypad).
- Memory back-up for recording dosing data in case it's accidentally turned off.
- Printing the dosing and consumption data, en sure zone through fiber optic.
- Power supply through external power adapter PW200XRD, with PW200IO option.

## I/O SECTION

- Fiber optic bidirectional port for connection with printer, labeller, PC, or PLC in safe area.
- 4 barriered logic digital outputs, with programmable function, for dosing system management, connectable to other intrinsic safety devices in a hazardous area.
- 4 inputs with functions depends on the selected dosing function.




## OPTIONS AND ACCESSORIES

- Fiber optics (60m)
- RS485 interface

Printer in safe area

## DOSING CONFIGURATION

- Available dosing functions:

	<p><u>Single product dosing in loading functioning</u></p>
	<p><u>Single product dosing in unloading functioning</u></p>
	<p><u>Multi-product dosing functioning</u></p>

