DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

# DFWATEX3GD

## DFW "ATEX3GD": WEIGHT INDICATOR FOR ATEX 2 & 22 ZONES



Weight indicator for areas classified as hazardous with protection methods according to:
ATEX II 3G Ex nR IIC T6 Gc X for gases
ATEX II 3D Ex tc IIIC T85°C Dc IP68 X for dust.
Ideal for creating weighing systems, batching, and automation systems. CE-M approvable (OIML R-76 / EN 45501).

**The best solution for advanced industrial applications**

## MAIN FEATURES

- Waterproof 17-key functional keypad.
- Backlit LCD display with 6 25-mm high contrast digits and with indication of active functions.
- IP68 Satin finish stainless steel case.
- Suitable for use on the table, or wall.
- Dimensions: 264x174x115mm.
- Up to 10.000e or multirange 3 x 3000e @ 0,3 µV/e in CE-M approved version for legal for trade use.
- Up to 1.000.000 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. autoselect.
- 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).
- Power supply:
  DFWATEX3GD: through 110-240Vac internal power adapter (optional power supply cable);
  DFWATEX3GDB: through optional external battery (BP6ESTATEX3GD code), rechargeable in safe area. Battery charger not included.
- Connection with up to 8 load cells with 350 Ohm input resistance.

## MAIN CERTIFICATIONS

- EU Type Examination Certificate (45501:2015)
- OIML R76

## I/O SECTION

- 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.

## FUNCTIONS

- KEYBOARD:
  Zeroing, Automatic tare, Presettable tare, printing and/or data transmission, selectable function command, on/off switching, database of 30 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.
  - Set Point Control (with DFIO option).

www.diniargeo.com




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*SALES AND TECHNICAL ASSISTANCE SERVICE*

*All the specifications and images can be subject to variations and upgrades without prior notice.*