DINI ARGEO
Scales - Weighing systems

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
ATEX II 3D Ex tc IIIC T130°C Dc IP68 X.
Ideal for creating weighing systems, batching, and automation systems. CE-M approvable (OIML R-76 / EN 45501).

Working in cooperation with:

SC DATA SPEED SRL

STR DONATH N. 115/33 - 400331 - JUD. CLUJ
Tel. 0040-264566473 Fax. 0040-364-815440
office@cantare.com.ro

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.
- Satined I P 6 8 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/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. 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;
  DFWATEX3GDB: through optional external battery (BP6ESTATEX3GD code), rechargeable in safe area.
- Connection with up to 8 load cells with 350 Ohm input resistance.

MAIN CERTIFICATIONS

- EC Type Approval (EN45501)
- 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 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.
  - Set Point Control (with DFIO option).

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Real time clock.
- Alibi memory with real time clock.
- Board module with 2 inputs + 2 setpoints (up to 2 connectable boards).
- RS485 interface.
- Ethernet interface.
- 0-10 or from 0 to 20mA analogue output with 16bit D/A converter.
- 24 Vdc power supply (ask for price estimate).

TAKE NOTE:
All the cables must be installed and protected according to the standards for electrical equipment.

www.diniargeo.com



DINI ARGEO FRANCE sarl
Nogent-sur-Marne

DINI ARGEO GMBH
Sinsheim - Germany

DINI ARGEO UK Ltd
Taunton - United Kingdom

DINI ARGEO WEIGHING INSTRUMENTS Ltd
Shanghai - China

DINI ARGEO WEIGHBRIDGES
Calto (RO) – Italy

DINI ARGEO
Scales - Weighing systems

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ATEX

ISO 9001:2008

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SALES AND TECHNICAL ASSISTANCE SERVICE