



DFW "ATEX2GD": WEIGHT INDICATOR FOR ATEX 1 & 21 ZONES



DFWATEX2GD: Weight indicator for hazardous areas

FUNCTIONS

• SCALE FUNCTIONS

- Zeroing
- Automatic Tare
- Presetable Tare
- ID1 and ID2 10-digit Codes
- Print and data transmission commands
- selectable function command
- on/off switching.

• SELECTABLE FUNCTIONING MODES

- **High Resolution Weighing x 10**
- **Net/Gross or lb/kg conversion**
- **Accumulation**
- **Formula weighing**
- **+/- Checkweighing**
- **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** (only in the DFWATEX2GDIO version combined with PW200XRDxxx and PW200IO options).
- **MODBUS serial protocol.**

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

ATEX II 2(2)G Ex ib [ib Gb] IIC T4 Gb for gases,

ATEX II 2(2)D Ex tb [ib Db] IIIC T197°C IP65 Db for dust.

Ideal for creating weighing systems, batching, and

automation systems. EC-Type-Examination certificate

according to Annex III (ATEX directive). CE-M approvable

(OIML R-76 / EN 45501).

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 with 6 LEDs for showing the active functions.
- **IP68** Satin finish stainless steel case.
- Dimensions 264x174x115mm.
- Suitable for use on the table, or wall.
- Up to 10.000e or multirange 3 x 3000e @ 0,3 μ V/d in CE-M approved version for legal for trade use.
- Up to 1.000.000 displayable divisions with internal resolution up to 3.000.000 points.
- Up to **8 signal linearization points** with DINITOOLS (3 from keypad).
- A/D 24-bit sigma-delta conversion, up to 200 conv./sec. autoselect.
- Digital calibration and set-up from keyboard; Instrument management & configuration from PC with DINITOOLS.
- Power supply through external module: with optional battery pack; or with optional power adapter connectable to mains at 230 Vac or at 24 Vdc.
- Connection with up to 4 load cells having 350 Ohm input resistance.

MAIN CERTIFICATIONS

- OIML R76

I/O SECTION (ONLY WITH THE DFWATEX2GDIO MODEL)

- 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 (only with the DFWATEX2GDIO version combined with PW200XRDxxx and PW200IO options).