

DFWATEX

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



Weight indicator for areas classified as hazardous. Ideal for creating weighing systems, batching, and automation systems.

EC-Type-Examination certificate according to Annex III (94/9/EC 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.
- Satined I P 6 8 stainless steel case.
- Dimensions 264x174x115mm.
- Suitable for use on the table, or wall.
- Up to 10.000e or multirange 3 x 3000e @ 0,3 $\mu\text{V/d}$ in CE-M approved version for legal for trade use.
- Up to 100.000 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 DFWPBP76-ATEX 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.

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.

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Rechargeable battery pack in safe area
- Power adapter connectable to mains at 230 Vac or at 24 Vdc with protection method according to ATEX II (2)/2 G [Ex ib]/Ex d IIC T4 Gb and ATEX II (2)/2 D [Ex ib]/Ex tb IIIC T140°C Db.
- Alibi memory

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.

