

DFW "ATEX" SERIES WEIGHT INDICATOR FOR HAZARDOUS AREAS



DFWATEX

Weight indicator for areas classified as hazardous with protection method according to ATEX II2G, EEx ia IIC T4. Ideal for creating weighing systems, batching, and automation systems.

CESI 04 ATEX 102 EC-Type-Examination certificate according to Annex III (94/9/EC directive).

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

MAIN FEATURES

- Waterproof 16-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 **IP68** stainless steel case
- Dimensions 260x140x175 mm.
- May be angled either to be set on a table or a wall.
- Up to 300,000 displayable div. for internal factory use
- Up to 3 signal linearization points
- Internal resolution up to 3.000.000 points.
- 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 DFWBP76-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.

FUNCTIONS

- **KEYBOARD:** Zeroing, Automatic Tare, Presettable Tare, ID1 and ID2 10-digit Codes, Print and data transmission commands, selectable function command, on/off switching
- **SELECTABLE FUNCTIONS:** Simple display and/or with sensitivity HR x 10, Net/Gross, Input/Output, Weighs accumulation (with up to 10 storage values). Tare database (up to 10), Formula weighing, Counting (Max. Resolution of 1.500.000 divisions) with function of entering the known A.P.W., lb/kg conversion, Hold, Set-point on gross weight, set-point on net weight.

I/O SECTION (ONLY WITH THE DFWATEXIO 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.