

Weight Indicator model **INDATEX 2GDF**



Suitable for application in ATEX hazardous area, protection according to
ATEX II 2(2)G Ex ib [ib Gb] IIC T4 Gb (for gas) and **ATEX II 2(2)D Ex tb [ib Db] IIIC T197°C IP65 Db**
(for dust) - **Zone 1 & 21.**



Properties

- **CE approvable**
- **with special dosing firmware, ideal for creating automatic or semiautomatic dosage system in loading or in unloading, or multiproduct dosages and mixtures**
- waterproof keyboard with 17 keys
- LCD display with 6 25-mm high contrast digits, clearly visible even in poor lighting conditions and with low temperatures, and with symbols for showing the active functions
- stainless steel housing, protection class IP68, dim. 264 x 174 x 115 mm
- display resolution up to 10000e or multi range 2 x 3000e (0.3 µV / d in CE-verified application)
- max. 1,000,000 visible parts in display for internal use and with an internal resolution of 3,000,000 parts
- management of a weighing system from 1 to 4 channels (cells) with digital equalization.
- memory back-up for recording dosage data in case it's accidentally turned off.
- printing the dosage and consumption data, in safe zone through fiber optic.
- number of connectable load cells: 4 (350 Ω)
- main certificate: OIML R76
- bidirectional glass fiber port (for connection to printer, PC or PLC in the safe zone)
- 4 barriered logic digital outputs, with programmable function, for dosage system management, connectable to other intrinsic safety devices in a hazardous area.
- 4 inputs with functions depends on the selected dosage function
- power supply through external power adapter with 230 VAC input

Options

- wall bracket, stainless steel – for mounting the indicator on the wall
- painted steel pole – for mounting the indicator
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- built-in ATEX RS-485 interface
- optical fiberglass / RS-232 converter
- optical fiberglass / RS-232 converter for DIN Rail
- optical fiberglass / USB converter
- RS485 active barrier – for connection to external devices in safe zone

More options, to be used only in safe zone:

- thermal ticket- or labelprinter

