


PRODUCT INFO

DFW-IECEX3GD Weight Indicator

For Ex 2 & 22 Zones

This IECEx-certified weight indicator is designed for reliable operation in hazardous environments, with versions available for direct connection to load cells installed in Zone 1/21 and 0/20 areas.

The unit features a durable IP68 stainless steel enclosure, a 17-key waterproof keypad, and a backlit LCD display and either 230 Vac power supply or external rechargeable battery.



It supports up to 10,000e OIML-approved divisions for legal-for-trade use and offers high internal resolution for demanding weighing applications.

With flexible configuration via keyboard or PC software and compatibility with up to eight load cells, it provides a robust and adaptable solution for hazardous area weighing systems.

Application

- General weighing in potentially explosive atmospheres

Features

- IECEx certified indicator suitable for hazardous environments, with versions available for direct connection to load cells installed in Zone 1/21 and 0/20 areas.
- Robust IP68 stainless steel enclosure designed to withstand harsh industrial conditions and regular washdown.
- Backlit LCD display with 25 mm digits for clear weight readings in low-light or busy production environments.
- 17-key waterproof keypad built for reliable operation and easy input, even when used with gloves.
- Legal-for-trade approval up to 10,000e or 3 × 3000e in accordance with OIML standards.
- High internal resolution of up to 3,000,000 points with advanced signal processing using a 24-bit A/D converter.
- Flexible connectivity, allowing connection to up to eight 350 Ω load cells and configuration via keyboard or PC software.

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Options

Versions

DFW-IECEX3GD: Ex Indicator for Zone 2/22. Stainless steel enclosure, IP68 protection, 17-key keypad, backlit LCD display and internal power supply. ATEX/IECEX Marking: II 3G Ex nR IIC T6 Gc X (0°C ≤ Ta ≤ 50°C) for gas and II 3D Ex tc IIIC T85°C Dc IP65 X (0°C ≤ Ta ≤ 50°C) for dust. Provided with safety instructions and the ATEX EU declaration of conformity (EN, DE, FR, ES and IT).

DFW-IECEX3GDZB: Ex Indicator for zone 2/22 that can be directly connected to load cells installed in zone 1/21 and 0/20. Stainless steel enclosure, IP68 protection, 17-key keypad, backlit LCD display and internal power supply. ATEX/IECEX Marking: II 3(1)G Ex nR [ia] IIC T6 Gc X (0°C ≤ Ta ≤ 50°C) for gas and II 3(1)D Ex tc [ia] IIIC T85°C Dc IP65 X (0°C ≤ Ta ≤ 50°C) for dust. Provided with safety instructions and the ATEX EU declaration of conformity (EN, DE, FR, ES and IT).

Optional extras

- Power supply cords
- Declaration of ATEX conformity
- Legal for trade approval
- Date&Time option
- Communication Interfaces
- Digital Input / Output
- Printers/Labellers for safe zones
- Connection cables
- Support brackets
- Weight repeater software
- PC software for managing weighbridges
- PG cable glands

