DINI ARGEO
Scales - Weighing systems

3590EXT

3590EXT "ENTERPRISE": WEIGHT INDICATOR FOR INDUSTRIAL APPLICATIONS, in STAINLESS STEEL IP68



High performance digital weight indicator, with 3 serial ports, transmission protocols for data communication, completely configurable printouts, integrated alibi memory and port for connection to barcode/badge reader. The wide range of connectable accessories and printers guarantees the maximum interfaceability and versatility. CE-M approvable (OIML R-76 / EN 45501).

Working in cooperation with:

SC DATA SPEED SRL
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The best solution
for advanced industrial
applications

MAIN FEATURES

- 25-key alphanumerical waterproof keyboard.
- Highly efficient red led display with 6 digits 15mm high.
- Backlit LCD graphic 25x100mm display.
- Synoptic bar graph with 16 bright LEDs showing the active functions.
- Easy to clean STAINLESS STEEL waterproof IP68 enclosure; resistant to harsh and corrosive environments.
- Dimensions: 264x115x174 mm.
- Suitable for use on the table, column, or wall.
- Real time clock and permanent data storage.
- Fitted alibi memory, integrated on the motherboard.
- Functions available with DINITOOLS utility
  - Configuration, calibration, data entry and print formatting.
  - Recording and filing of all the information on PC.
  - Complete retrieval of the data saved for quick substitution.
  - Instrument calibration with numeric values.
- Selection of the programme language directly in the set-up.
- 24-bit A/D converter, 4 channels, up to 3200 conv./sec. and up to 8 signal linearisation points.
- 4 independent analogue channels (up to 2 in the E-AF03 version, 1 in the E-AF09 version) for reading of the weight.
- Connection with up to 16 analogue load cells of 350 Ohm (45 load cells of 1000 Ohm) and with the main digital load cells available on the market (mod. E-AF03).
- Up to 10.000e OIML or 3 x 3000e @ 0,3 µV/d CE-M legal for trade.
- Up to 1.000.000 displayable divisions for internal factory use, with internal resolution up to 3.000.000 points.
- Connectable to printers and labellers with the command drivers.
- 110-240 Vac power supply; built-in rechargeable battery for use in prolonged absence of the power mains (incompatible with IOEXPB board).

MAIN CERTIFICATIONS

- EC Type Approval (EN45501)
- OIML R76
- OIML R51 - MID
- OIML R134 (AF09)

APPLICATION SOFTWARE

- AF01: Totalization and formula weighing
- AF02: Pieces/quantity counting
- AF03: Weighbridges - Input/Output vehicle
- AF04: Statistical checking of prepackaged goods
- AF05: Price compunting and industrial labelling
- AF08: Wheel and axle static weighing with 2 or various platforms
- AF09: Dynamic and static axle weighing with 2 platforms
- BATCH1: Single product dosage systems in loading and unloading
- BATCH: Multicomponent dosage systems in loading and unloading
- CHECK: Weight packages on a conveyor belt functions
- BELT: Reading/regulation function of the flow on the weighing belt
- LW: Continuous dosage in unloading

CUSTOMISED APPLICATIONS

Thanks to our integrated development, you can create complete customised applications in autonomy:

- wizards, operator messages
- serial port management, protocols customization
- digital I/O full management
- sequential or simultaneous automations
- data entry, custom archives

Dini Argeo can offer the service of custom development programs.

I/O SECTION

- 2 RS232 serial ports, for connection to printer, PC or PLC, radio module, and optional interfaces.
- 1 RS232 serial port (optional RS485), for connection to repeater, remote scale, badge reader or digital load cells.
- Fitted keyboard emulation input, for barcode/badge readers or external PC keyboard, through cable with mini DIN connector (optional).
- 4 (16 in the IO versions) optoisolated outputs (optional).
- 2 (8 in the IO versions) optoisolated inputs (optional).
- External Profibus interface (optional), for automation management (depending on the software program).
- Modbus RTU Protocol.
- Optional Bluetooth connection, for quick wireless programming of the activities and the formulas, through PC, tablet or smartphone.

DETAIL 1



3590EXT with IP65 optional printer

www.diniargeo.com



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ATEX

ISO 9001:2008

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SALES AND TECHNICAL ASSISTANCE SERVICE