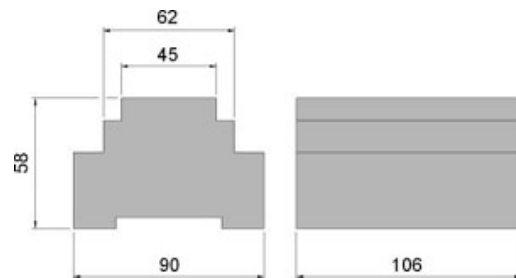


Multipurpose weight transmitter for panel mounting on DIN bar.

Ideal as an independent or dependent 4-channel digital junction box, permitting the direct reading and diagnostics of each connected load cell. The wide range of available interfaces, makes it easy to integrate the weighing with any automation system. CE-M approvable (OIML R-76 / EN 45501).



Dimensions in mm

## CHARACTERISTICS

- Easy to use 5-key waterproof keyboard.
- Highly efficient red LED display with 6 10-mm digits and 6 LEDs for showing active functions.
- Case for mounting on DIN bar or on the wall.
- 106 x 90 mm size, 58 mm height.
- Calibration, Set-Up parameters, configurable from keyboard or from PC with DINI TOOLS.
- Up to 10.000e or multi-range 2 x 3000e @ 0,3  $\mu\text{V/d}$  for CE-M approved legal for trade use.
- Up to 800.000 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. auto-select.
- Connectable with up to 16 analogue load cells with 350 Ohm input resistance.
- Management of a digitally equalised 4-cell weighing system or management of 4 independent weighing systems.
- Master/Slave management (up to 4 Slaves / 1 Master).
- From 12 Vdc to 24 Vdc power supply.

## FUNCTIONS

- Zeroing; Automatic and presettable tare; print and/or data transmission; ON/Stand-by; Weighs totalization; Formulation; Net/Gross weight switch; Counting; Hold; Peak; kg/Lb conversion.
- 2 programmable thresholds of weight, totalizations, formulation, counting pieces, hold, peak

## MODELS AVAILABLE

- I700DIN:** Standard model with 2 inputs, 2 outputs, 1 RS232 bidirectional port and 1 RS485 bidirectional port.
- I700DINAN:** Standard model with 2 inputs, 2 outputs, 1 RS232 bidirectional port and 1 RS485 bidirectional port and analogue output 4-20Ma / 0-5 Vdc / 0-10 Vdc.
- I700DINPB:** Standard model with 2 inputs, 2 outputs, 1 RS232 bidirectional port and PROFIBUS®.

## I/O SECTION

- RS232/C bidirectional port configurable for connection with external units.
- RS485 bidirectional port configurable for network connection.
- Two 150 mA 48 Vac / 150 mA 60 Vdc (NO) photomofet outputs which may be configured as direct control or upon weight stability, with programmable weight thresholds (disable and enable thresholds).
- 2 configurable optoisolator photo coupler inputs: 12÷24 Vdc, 5 mA min - 20 mA max.
- MODBUS serial protocol (I700DIN, I700DINAN).
- With PROFIBUS serial interface (I700DINPB).
- With 16-bit analogue output 4-20mA / 0-5Vdc / 0-10Vdc at choice; the maximum applicable voltage is 350 Ohm and the minimum applicable voltage resistance is 10 kohm (I700DINAN).

## OPTIONS

**TPRP:** Thermal printer for panel mounting with >50mm/sec. speed, 203 dpi resolution, 24/40 columns, 58 mm width; 50 mm roll diameter. 5 VDC power supply.

**BOX2121S:** Box (210x210x100) with transparent door, IP65, complete with 2 cable fittings. Suitable for wall mounting DGT instruments.

**DFCLK:** Real Time Clock (Time/date).

**ALMEM:** Alibi memory (fiscal memory) with time/date; max. 120.000 weighs.

**ALSW:** 100-240 VAC 2,1 A 12 Vdc output, switching power adapter