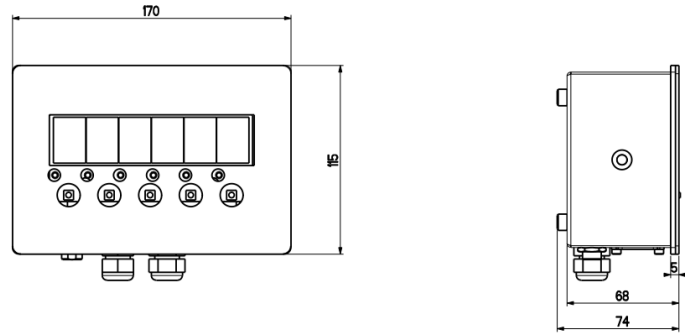
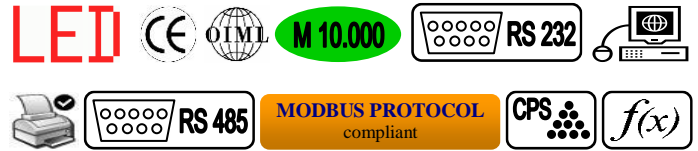


Multipurpose weight transmitter ideal for the production of bench or floor scales, dosage, filling systems etc. The wide range of available interfaces makes it easy to integrate the weighing with any automation system. CE-M approvable (OIML R-76 / EN 45501).



Dimensiones en mm

CHARACTERISTICS

- Easy to use 5-key waterproof keyboard.
- Highly efficient red LED display with 6 20-mm digits and 6 LEDs for showing active functions.
- Aluminium/painted steel protective case, dimensions 170x115x68mm, fitted with support bracket (168x150mm) for table or wall mounting.
- Calibration, Set-Up parameters, configurable from keyboard or from PC with DINI TOOLS.
- Up to 1.000.000 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. autoselect.
- 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.
- From 12 Vdc to 24 Vdc power supply; 12Vdc power adapter included.

MODELS AVAILABLE

- I720:** Standard model with 2 inputs, 2 outputs, 1 RS232 bidirectional port and 1 RS485 bidirectional port.
- I720AN:** 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.
- I720PRONET:** Standard model with 2 inputs, 2 outputs, 1 RS232 bidirectional port and PROFINET®.
- I720ETHIP:** Standard model with 2 inputs, 2 outputs, 1 RS232 bidirectional port and Ethernet IP.
- I720MODTCP:** Standard model with 2 inputs, 2 outputs, 1 RS232 bidirectional port and Modbus TCP/IP.
- I720ETHCAT:** Standard model with 2 inputs, 2 outputs, 1 RS232 bidirectional port and EtherCAT.
- I720PB:** Standard model with 2 inputs, 2 outputs, 1 RS232 bidirectional port and PROFIBUS®.

FUNCTIONS

- **THROUGH KEYBOARD:**
Zeroing; Semi automatic and presettable tare, print and/or data transmission; ON/Stand-by.
- **SELECTABLE:**
High Resolution Weighing x 10; Net/Gross or lb/kg conversion; Weighs totalisation; Formulation; Counting; In/Out Truck weighing; Hold e Peak.
- **EXTERNAL INPUT:**
Simulation of key pressure; Keyboard lock.
- **MOSFET OUTPUT:**
Set Point Control on the weight, either positive (in loading) or negative (in unloading), or on the pieces (counting mode), with programmable enabling/disabling thresholds, as direct check or upon weight stability.
- **SERIAL PORTS:**
On all models: Reading of the net, gross, and tare weights; Clearing; Semi automatic and presettable tare; Scale switch; Setting of outputs activation thresholds.
I720 and I720AN models: Reading of microvolts or ADC converter for all the channels; Message display; Printing; Setting of APW in counting mode; Simulation of key pressure; MODBUS serial protocol.
- **THROUGH 16 bit ANALOGUE OUTPUT (DGT20AN):**
Analogue output proportional to the net or gross weight, either positive (in loading) or negative (in unloading).

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 (I700RACK, I700RACK AN).
- With PROFIBUS serial interface (I700RACK PB).
- 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 (I700RACKAN).

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.

DFCLK: Real Time Clock (Time/date).

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

SETHDIN-1: External RS232 / RS485 to Ethernet converter in DIN format.

