

# DGT1P

## DGT1P - PANEL DIGITAL WEIGHT TRANSMITTER / INDICATOR



Panel weight transmitter/indicator with aluminum case. Ideal as microcontroller in industrial weighing and dosing systems, it makes it easier and safer to integrate the weighing into any automation system. Up to 2 programmable digital inputs and 6 outputs.

## **Approvals:**

CE-M EN 45501, OIML R-76, OIML R-61 (MID), OIML R-51 (MID)

## **TECHNICAL FEATURES**

• Power supply: 12-24 Vdc

• Converter: A/D 24 bit with 1 channel

• Max number of scales: 1

Load cells connection: 4 or 6 wires (with sense)

• Conversion rate: 400 Hz

• Selectable sampling rate: up to 400 conv./sec

• Displaying: up to 800.000d

• Signal sensitivity: 0,01 μV/d (0,03 μV/e)

Resolution: 3.000.000 pointsLinearization: up to 8 points

• Connectable load cells: up to 16x350  $\Omega$  cells

• Serial ports: 1 RS485 port

Analog output: 16 bit optoisolated (DGT1PAN Model) choosing between 0-5Vdc, 0-10Vdc, 4-20mA or 0-20mA.

• Digital outputs: n. 2 OUT (optional up to 6), configurable optoisolated photomosfet

• Digital inputs: n. 2 IN, configurable optoisolated

• Case: aluminium. Dimensions:100 x 53 x 136 mm(lxhxw). Panel cutout: 92 x 44 mm(lxh).

• Calibration:

- Theoretical (mV\V)

- With sample weights

Keyboard functions: zeroing, tare, function mode, print, manual data sending, On/Stand-by

• Program functions:

- Setpoint

- High resolution

- Peak

- Alibi Memory

- Unit of measure conversion

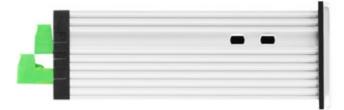
• Keyboard: mechanical with 5 digits, waterproof

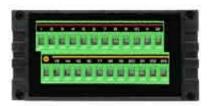
• Display: 14,2mm red LED

## **MAIN CERTIFICATIONS**

- CE-M EN 45501
- OIML R76
- OIML R61 MID
- OIML R51

DETAIL 1









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