

DGT60

DGT60: MAXI "GOLIAH" WEIGHT INDICATOR-UNIVERSAL REPEATER



Weight indicator/ repeater with large matrix display composed of very intense bright LEDs. Particularly suitable for use outdoors, also in full sunlight, and where it's necessary to view from a distance at any angle. Case completely in IP68 stainless steel.

Approvals:

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



**The best solution
for advanced industrial
applications**

MAIN FEATURES

- Functional 5-key waterproof keypad.
- Large 6-digit display, 60 mm high, with very efficient SMD LEDs (software adjustment of the brightness intensity), complete of 6 Leds for indication of active functions, visible from over 25 m, with viewing angle up to 120° and with power up to 750 mcd.
- IP68 stainless steel case complete of wall fixing bracket.
- Dimensions: 410 x 67 x 165 mm.
- Calibration, Set-Up parameters, configurable from keyboard or from PC with DINI TOOLS.
- Max. 10.000e or multirange 2 x 3000e @ 0,3 μ V/e in CE-M approved version for legal for trade use.
- Max. 800.000 displayable divisions viewable with internal resolution up to 3.000.000 points.
- Up to 8 signal linearisation points with DINITOOLS.
- A/D 24 bit sigma-delta 4-channel conversion, max.400 conv./sec. with automatic selection.
- Connectable with up to 8 analogue load cells with 350 Ohm input resistance.
- Management of a weighing system with up to 4 cells with digital equalisation or management of up to 4 independent weighing systems.
- Power supply from 110 to 240 Vac.
- Available as Scale or as Repeater version.
- Fitted with an air valve for regulating the humidity and the pressure inside the indicator.

MAIN CERTIFICATIONS

- CE-M EN 45501
- OIML R76
- OIML R61 - MID
- OIML R51
- Australian legal for trade certificate of approval (NMI S788)

I/O SECTION

- RS232/C bidirectional port configurable for connection to printer, PC, or other external units.
- RS485 bidirectional port configurable for connection to PC, PLC, or other external units.
- PROFIBUS serial interface (DGT60PB model).
- 2 photomofet outputs: 150 mA 48 Vac / 150 mA 60 Vdc (NO), with configurable functions.
- 2 optoisolator photocouplers: 12÷24 Vdc, 5 mA min - 20 mA max, with configurable functions.
- 16-bit analogue output (DGT60AN model) 4-20mA / 0-5Vdc / 0-10Vdc at choice; maximum applicable voltage: 300 Ohm; minimum applicable voltage resistance: 1 kohm.

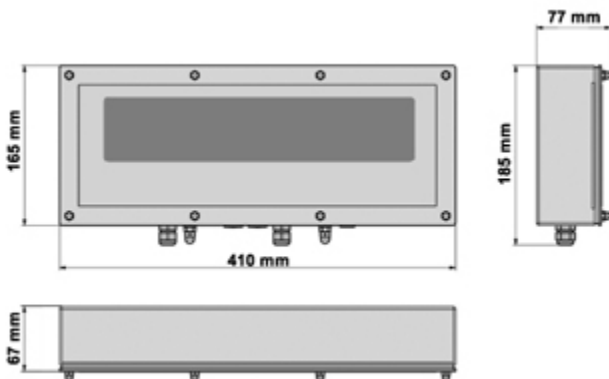
DGT60R REPEATER FUNCTIONS

- Version with specific program for use of the indicator as a universal weight repeater or as a multi-scale repeater (MASTER) in combination with DFW/DGT/MCW.
- FUNCTIONING MODES:
 - Multi-scale repeater (MASTER):
function which allows to repeat up to 32 independent scales, with the possibility of managing their functions, or displaying and printing the sum of the weighs of all the scales.
 - UNIVERSAL weight repeater:
function which allows to repeat the weight of any scales, through the configuration of the input string.

DGT60BC / DGT60AN / DGT60PB FUNCTIONS

- THROUGH KEYBOARD:
Zeroing; Semi automatic and presettable tare, print and/or data transmission; ON/Stand-by.
- PROGRAM FUNCTIONS:
Setpoint, high resolution, peak, alibi memory, unit of measure conversion.
- 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; Reading/Writing of Alibi Memory.
DGT60BC and DGT60AN 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 (DGT60AN):
Analogue output proportional to the net or gross weight, either positive (in loading) or negative (in unloading).

DETAIL 1





DINI ARGEO
FRANCE sarl
France

DINI ARGEO
GMBH
Germany

DINI ARGEO
UK Ltd
United Kingdom

DINI ARGEO WEIGHING
INSTRUMENTS Ltd
China

DINI ARGEO
OCEANIA
Australia



COMPANY HEADQUARTERS

Via Della Fisica, 20
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 843418

SERVICE ASSISTANCE

Via Dell'Elettronica, 15
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 921784

SALES AND TECHNICAL ASSISTANCE SERVICE