Static weigh controller/amplifier - DGT

- **Highly Accurate, Proven and Rugged Design**
- **Large 6 segment LED display, clear and simple to read.**
- **Four load cell inputs (1 six wire + 3 four wire)**
- **Interfaces with RS232/422/485 Modbus and Profibus DP**
- **Simple set-up, calibration and diagnostics**

Application

DGT weigh controller is a static weigh system that can be configured with a wide range of applications:

- Nett and Gross
- Input/output (difference scale)
- Peak Detection
- Batch Totals
- Recipe
- Piece Counting

The rugged design ensures a high degree of reliability and availability.

Features

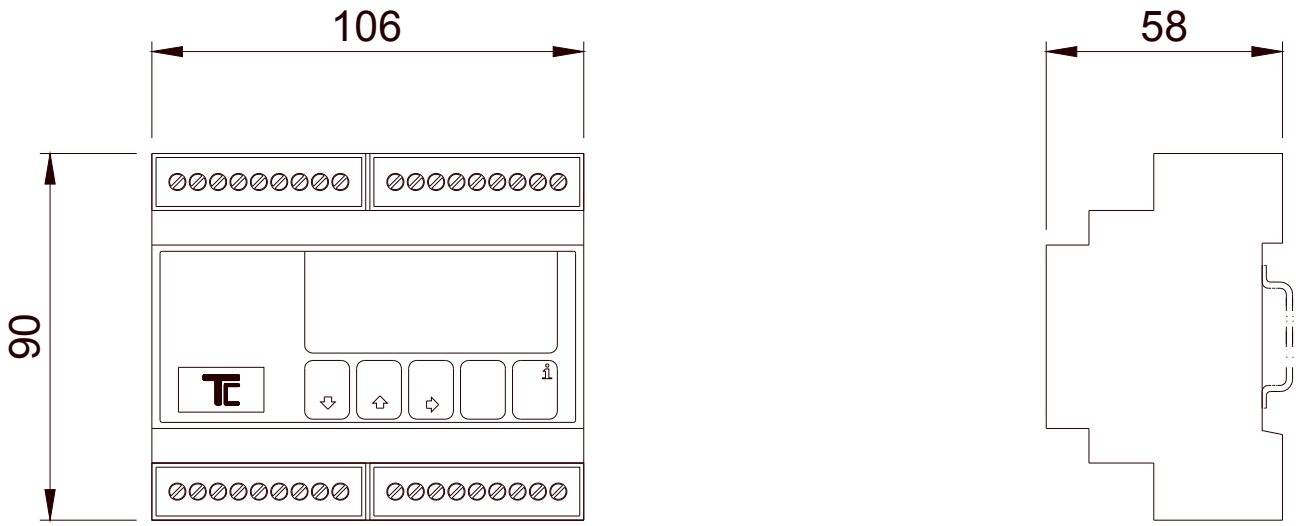
The features of the unit include

- Easy to use 5-key splash proof keypad.
- 35mm DIN rail mounting
- Main semi-alphanumeric red LED display, highly efficient, with 6 digits 10 mm high.
- Instrument management and configuration from PC
- 8000000 displayable divisions at 0.3 µV/d
- Internal resolution up to 3000000 counts.
- A/D 24-bit 4-channel sigma-delta conversion, up to 200 conversions per second.
- Connectable directly to 4 load cells (1 six wire and 3 four wire) or via junction box up to 8 standard load cells having 350 Ohm input resistance.
- 12 VDC to 24 VDC power supply

Options

- Profibus DP
- Modbus
- RS232C port
- RS422 port
- RS485 port
- 4-20mA (DGT4AN)

Dimensions



Technical Data

Housing	Grey Plastic
Display	6 Character, 8 segment LED, 15mm high. 16 LED warning alarm signals
Keypad	5 button
Resolution	0.3uv/d, 24 bit processor, 3000000 counts resolution
Wiring	Max. 3mm dia. via 5.0 mm pitch terminals
Power Supply	Nominal 24VDC 12W (12V to 24VDC)
Ambient Temp.	-10º to 40º C
Inputs	Load Cell input 5V, >43Ω 2 Digital Inputs (24VDC)
Outputs	1 x 0/4-20mA (optional, DGT4AN) 2 x Digital outputs (24V/1 Amp, 48V/0.5Amp)
Protection Class	IP2X
Interfaces	RS232C RS485 RS422 Profibus DP Modbus

Due to our policy of continuous improvement, dimensions and specifications may change. Have dimensions certified for installation purposes.

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