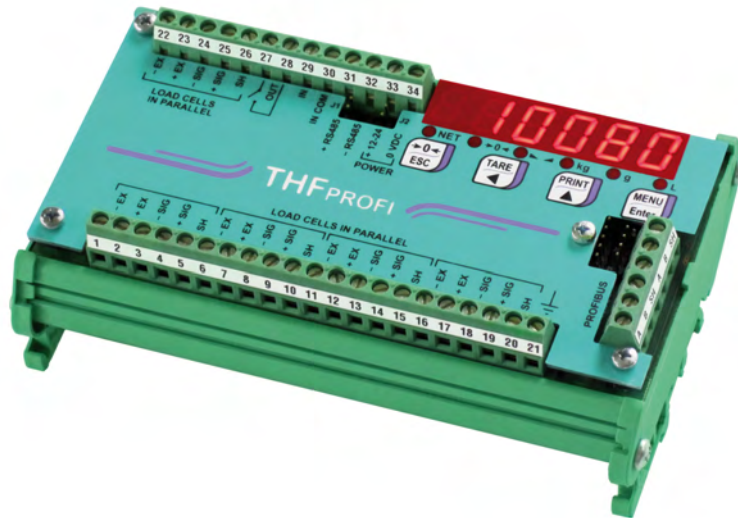




MODBUS RTU



### DESCRIPTION

- Weight transmitter suitable for back panel mounting on Omega/DIN rail or junction box (on request).
- Dimensions: 148x92x50 mm.
- 6-digit semi-alphanumeric red LED display (11 mm height).
- 6 signalling LED.
- 4-key keyboard.

### INPUTS/OUTPUTS AND COMMUNICATION

- Serial port with Profibus DP protocol.
- RS485 serial port for communication via protocols ModBus RTU, ASCII Laumas or continuous one way transmission.
- 1 relay output controlled by the setpoint values or via protocols.
- 1 optoisolated PNP digital input: status reading via serial communication protocols.
- 5 load cell dedicated inputs.

### MAIN FUNCTIONS

- Connections to:
  - PLC via Profibus DP protocol (up to 126 instruments with line repeaters, up to 32 without line repeaters);
  - PC/PLC via RS485 (up to 99 instruments with line repeaters, up to 32 without line repeaters);
  - remote display via RS485;
  - up to 8 load cells in parallel by junction box.
- Digital filter to reduce the effects of weight oscillation.
- Theoretical calibration (via keyboard) and real calibration (with sample weights and the possibility of weight linearization up to 5 points).
- Tare weight zero setting.
- Automatic zero setting at power-on.
- Gross weight zero tracking.
- Semi-automatic tare (net/gross weight) and preset tare.
- Semi-automatic zero.
- Displaying of the maximum weight value reached (peak).
- Direct connection between RS485 and RS232 without converter.
- Hysteresis and setpoint value setting.

### CERTIFICATIONS



UL Recognized component - Complies with United States and Canada standards



Complies with the Eurasian Customs Union standards



Equivalent of the CE marking for the United Kingdom

