



Flow Rate & Totalization Panel Meter

N1500-FT



- Indicates the instantaneous flow rate and the totalized flow rate
- Allows clear view even at a distance
- Compatible with flow sensors
- Provides 30 linearization points for non-standard sensors

The **N1500-FT** digital panel meter is the ideal device to monitor flow in water and other liquid distribution systems.

Quick and easy to set up via the front keypad, the **N1500-FT** digital panel meter is compatible with most typical flow sensor signals: PNP and NPN, Dry contact, magnetic pickup. In addition, it has a secondary 4-20 mA input and allows simultaneous display of flow and pressure.

The **N1500-FT** digital panel meter has a keyboard programmable scale, configurable decimal point, 24 Vdc power supply for the flow sensor, a display very easy to read, a switching power supply and up to 4 alarm relays, retransmission of the measured variable in pulse mode and 4 to 20 mA and RS485 digital communication with Modbus protocol.



DISPLAY DESIGNED FOR HIGH RESOLUTION



HIGHER SAMPLE RATE

Ideal for dynamic processes



CUSTOMIZABLE VISUALIZATION

Allows changing the variable displayed on the main screen



READING OF TWO VARIABLES

Allows the indication of flow and pressure



PROTECTION AND SAFETY

Fire-resistant material UL94 V-2



CUSTOM LINEARIZATION

30 points for non-standard sensors

Display	7 segment LED, 6 digits 17 mm high
Input types	4-20 mA, Dry Contact, magnetic Pickup, NPN and PNP
Accuracy	4-20 mA: $\pm 0.2\%$ of span; Pulse (Voltage, NPN or PNP): ± 30 ppm @25 °C; Magnetic Pickup: $\pm 0.1\%$ @25 °C
Input Impedance	4-20 mA: 150 Ω (+4.5 Vdc @20 mA)
Resolution	32 bits (4.294.967.295)
Custom Linearization	30 points for non-standard sensors
Digital Input	Operates as a switch for Hold and maximum and minimum reset
Analog Output	0-20 mA or 4-20 mA (optional) - Electrically isolated
Alarms	Up to 4 alarms
Alarm Types	Minimum, maximum, feeder and open sensor
Timer	Alarms with delay, pulse or oscillator
Auxiliary power supply	24 Vdc

Optional	2 relays, analog output (4-20 mA or 0-20 mA), RS485
Communication	RS485 Modbus RTU optional
Math Function	Hold, Maximum, Minimum, Totalizer, Batch, Feeder and Square Root
Security	Password Protection
Configuration Interface	Via RS485
Power Supply	100-240 Vac/cc or 12-24 Vdc
Maximum Consumption	7.5 VA
Dimensions	96 x 48 x 92 mm
Front Panel	IP65 Polycarbonate (PC) UL94 V-2
Housing	IP20 Rear ABS + PC UL94 V-0
Operating Conditions	5 to 50 °C (41 to 122 °F) and 0 to 80 % RH up to 30 °C (86 °F)
Certifications	CE, UL and UKCA

20220830 - FL N1500 FT - EN