



## Flow 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** indicator 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** indicator 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** indicator 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

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

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

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