Flow Meter
N1500-FT

CONFIGURABLE
QuickTune

CE UKCA c**RU**us RoHS REACH COMPLIANCE CONFLICT MINERAL FREE 3 YEARS WARRANTY EXPORTED TO MORE THAN 60 COUNTRIES

- **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**

DISPLAY DESIGNED FOR HIGH RESOLUTION

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.

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We Measure, We Control, We Record

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: ± 0.2 % of span; Pulse (Voltage, NPN or PNP): ± 30 ppm @25 °C; Magnetic Pickup: ± 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

20211129 - FL. N1500 FT - EN

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