TTFM100-F1-NG   Wall Mounting Fixed Type

Technical Features	Description
High Accuracy measuring	Linearity: better than 0.5%, Repeatability: better than 0.2%, Accuracy: better than ±0.5% (for speed > 0.5 mt/sec)
Wide measuring range	Several types of transducer to be selected, measuring pipe size from DN15mm to DN6000mm with four different types of sensors.
Italian or English menu	Different version TTFM100/2009 NEW GENERATION can support Italian or English display, easy to operate.
Power Supply	24VDC and/or 85-264VAC
Dimensions / Protection Grade	176mm x 171mm x 70mm / IP65
Input	4-20 mA input
Output	OCT/4-20mA/RS485 output
Protocol	M-BUS, MODBUS, extended protocol,

TTFM100/2009 NEW GENERATION

Main Unit Features	GENERAL SPECIFICATION
High Accuracy Measuring	Linearity: better than 0.5%, Repeatability: better than 0.2%, Accuracy: better than ±0.5% (Battery Powered 2%).
Display	2 x 20 letters or 96 segment LCD
Wide Measuring Range	Several types of transducers to be selected, measuring pipe size from DN15mm to DN6000mm with four different types of sensors. UPSTREAM, the straight pipe section should be 10 D, DOWNSTREAM it should be 5 D.
Pipe Material	Carbon Steel, Stainless Steel, Cast Iron, Copper, Alluminim, Absestos, PVC, PP, PEHD, Fiber Glass, Cement etc… Liner is allowed.
Liquid	Water, Sewage Water, River Water, Sea Water, Acid and Alkali liquid, Alcohol, Oil, Fuel, Beer, all the uniform liquid that can transmit ultrasonic. Solid Souspended in the liquid: up to 20.000 ppm. Temperature: -30….+ 90 C Standard; -30….+ 160 C High Temperature
Velocity	-30….+ 30 mt/sec. Bi-Directional
Italian or English menu	Different version TTFM100/2009 NEW GENERATION can support Italian or English display, easy to operate.
Internal data Logging	Automatic record of : -the flow data of the last 512 days/128 Months/10 years. -the power on/off time and corresponding flow rate of the last 32 times. -working status of last 512 days
Grade of Protection	IP65/IP68/IP20; it depends from the types.
Power Supply	24 VDC- 8….36 VDC - 10….30VAC – 85….264 VAC
Power Consumption	Less than 1,5 W
Set-Up	By Push Button keypad or By external keypad or by software via RS485
Signal Output	4-20mA Accuracy 0,1%/RS485 output/Two channels OTC
Protocol	M-BUS, MODBUS, extended protocol,