Minisonic

LOADED Pipe

MEASURED MEDIA LIQUID GAS

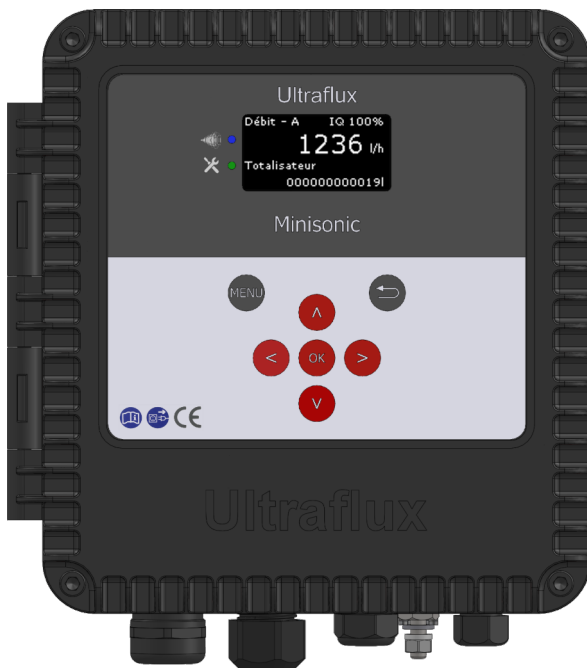**PIPE DIAMETER UP TO** 10000 MM

MODELS STANDARD

HIGH PERFORMING

› One pipe simple flow measurement
› OLED graphical display
› Display of the measurement echo, gain and quality index
› Accuracy up to 0,5 % of flow reading
› Repetability up to 0,1%
› Multi-parameter data logger

RELIABLE

› On site zero point automatic calibration
› 2 validated flow calculation per second

COMPATIBLE

› All Ultraflux probes

TYPICAL APPLICATIONS

Drinking water

Flow measurement and metering in treatment plant processes, flow measurement on supply networks, etc...

Waste water

Flow measurement of lift stations, in network, in/outlet of sewage treatment plant...

Raw water

Flow measurement on fire-fighting installations, network supervision...

HVAC

Flow measurement on installations, network supervision...

Chemical products

Flow measurement on acids, alkaline...

Food & drugs

Purified water flow measurement, CIP process supervision...
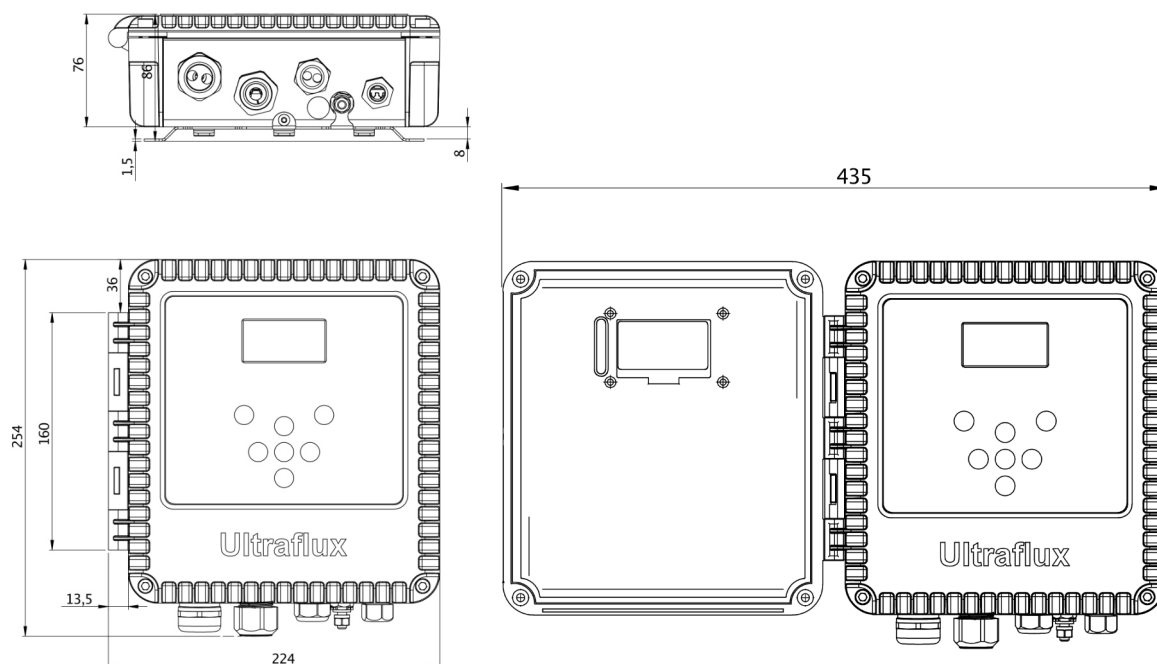
Energy, automotive sector...

Ultraflux
Débit - A   IQ 100%
1236 l/h
Totalisateur
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Minisonic

MENU

Ultraflux
Ultrasonic flowmeters

A trademark of **FAURE HERMAN**

Technical specifications

Technology	Transit time ultrasonic flowmeter
Signal treatment	Analogic + ESC (Echo Shape Control)
Usage	Single pipe flow measurement - Single chord
Measured values	Volumetric flowrate, Velocity, Speed of sound, Totalizers, Signal quality, Gain, Transit time...
Standard outputs	(1x) isolated 4-20 mA output (2x) isolated contact outpout
Optional I/O	NA
Display	Clear OLED Graphic display 128x64 pixels
Help for diagnosis	Multi parameters as Quality index, Gain, Echo display, Celerity, Transit time ...
Configuration	Intuitive programming with easy to use MMI and keypad
Data logger	Up to 10 recordable parameters Recording period adjustable from 1 second to 1 hour Recording mode adjustable between: Average - Average Min Max - Average Min Max Standard deviation
Filters	Damping time - Memory time - Low-flow cut off
Language	French – English – German – Spanish – Thaï - Bahasa
Communication	Mobus TCP through Ethernet / USB port for update and logger downloading - MoBus RTU as an option
Power supply	110 – 230V 50/60 Hz (Average comsumption 6W - 10W peak)
Enclosure	Molded Polycarbonate with 30% glass fibers, robust and compact
Dimensions	225 x 260 x 85 mm including mounting back plate
Weight	2,25 kg including mounting back plate (1,82 kg without mounting plate)
Protection	EN/IEC 60659 IP67
Compliance	EMC : EN/IEC 61326-1 Safety : EN/IEC 61010-1
Temperature of use	From -20°C to +60°C (Storage : -35°C to +60°C)

Dimensions (millimeters mm)

Ultraflux
Ultrasonic flowmeters

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