



SGM-101F - Transit time ultrasonic flowmeter

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Servicies

After sale servicies

Ordinary and extraordinary maintenance, installation, staff training, spare parts, calibration and calibration for measuring instruments.



Product description

The SGM-101F flowmeters operate on the ultrasonic pulses transit time difference principle. The great advantage is the mechanical installation, because it is not necessary to cut the pipe.

The sensors are simply clamped on the outer pipe surface, for this reason the pressure and the liquid aggressiveness to be measured are not a problem for the flowmeter. The system measures in a bidirectional way and is suitable for clean or slightly dirty liquids.

Types of transducers

The model on sale can be paired with transducers for pipes from DN20 to DN4000 depending on the model selected. The transducers also include the fixing straps to the pipe and the 5m connection cables..

Features

For conductive and non-conductive liquids

Measure range from 400000 m³/h

Rande from DN20 to DN4000

MODBUS protocol (opt.)

Typical measurement accuracy $\pm 1\%$

Power supply 230Vac or 10÷30Vdc. On request available 24 or 115V

4÷20mA, pulse and alarm output

IP68 sensors also for high temperatures

Datalogger on SD on request

Heat meter



General Features

Dimensions	H:200 mm L:120 mm P:77 mm	Weight	1 kg
Range	±12m/s	Accuracy	±1%
Temperature	From -30°C to +60°C	Classificazione IP	Transmitter: IP66. Transducer: IP68
Humidity	on condensing 85% RH (40°C)	Output	Sel. 4÷20m A or 0÷20mA
Output	Relay output: n.1 for pulse totalizer or alarm	Repeatability	±0,2÷0,5%
Display	Istantaneous flowrate, flow totalizer	Display	Istantaneous flowrate, flow totalizer