

# ULTRASONIC FLOWMETER

for pipe instalation  
type F3



#### DESCRIPTION:

- process connection: by 4 screws
- pipe material: PVC, carbon steel, stainless steel, copper
  - conection trought Wi-Fi
  - various mounting positions

#### APPLICATION:

- cleaning system
- chemical industry
  - energy
  - agriculture

#### TECHNICAL PARAMETERS:

- flow range: 0,4 - 90 m<sup>3</sup>/h
  - pipe size: DN20- DN80
    - accuracy.: 2%
- power supply: 10 - 36VDC/ 500mA
  - output: 4-20mA, RS 485, Wi-Fi
    - IP54

#### SPECIFICATION:

Ultrasonic flowmeters are designed for flow measurement with fast and easy instalation.

Ultrasonic flowmeter type F3 is for noninvasive instalation for pipes in ranges from DN20 to DN80 from PVC, carbon steel, stainless steel and copper. Instalation by attaching and thightening the 4 screws. Flowmeter F3 can be used at outdoor aplications due to protection rate IP54.

Flowmeter F3 can be used for measuring chilled water in HVAC system, cleaning system, supply system, residential water, farming irrigation system, etc.

Flowmeter F3 has output 4-20mA and own network support for Wi-Fi connection with support for cloud saving with "Gentos iCloud" application for easy remote acces.

Type	F3
Flow range	0,4 - 90 m <sup>3</sup> /h
Medium	water, sea water, deionized water, chilled water, residential water, hot water
Accuracy	2%
Pipe size	DN 20, 25, 32, 40, 50, 65, 80
Display	1,44"LCD
Pipe material	PVC, carbon steel, stainless steel, copper
Medium temp.	0 - 60°C
Ambient temp.	-10 - 50°C
Outputs	4 - 20mA, RS 485, WiFi
Power supply	10 - 36VDC/ 500mA
Cable length	2m
Protection rate	IP54

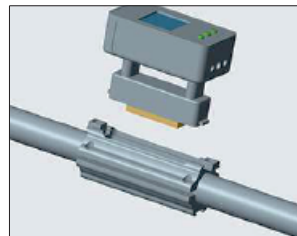
- Instalation:



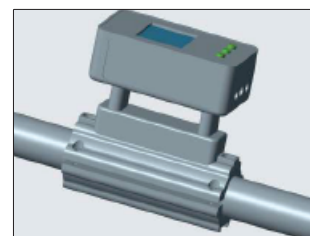
1. Take out the product



2. Clamp the pipe



3. Tighten the screw



4. Power on to start

Dimension unit: in mm								
Model F3	∅ PVC, steel	∅ copper	W	W1	L	L1	H	flow ( m <sup>3</sup> /h )
DN 20	25 - 29	25 - 29	60	51	105	115	121	0,4 - 6
	21 - 25	21 - 25	60	51	105	115	121	
DN 25	32 - 36	25 - 29	60	56	105	115	128	0,5 - 9
	28 - 32	21 - 25	60	56	105	115	128	
DN 32	39 - 43	32 - 36	60	63	105	115	135	0,9 - 15
	35 - 39	28 - 32	60	63	105	115	135	
DN 40	50 - 54	39 - 43	60	74	105	115	146	1,3 - 23
	46 - 50	35 - 39	60	74	105	115	146	
DN 50	63 - 67	50 - 54	60	89	105	115	159	2 - 35
	59 - 63	46 - 50	60	89	105	115	159	
DN 65	76 - 80	63 - 67	60	102	105	115	172	3,5 - 60
	72 - 76	59 - 63	60	102	105	115	172	
DN 80	87 - 91	76 - 80	60	113	105	115	183	5,5 - 90
	83 - 87	72 - 76	60	113	105	115	183	