PVC turbine flowmeter

SERIE PVC

Electronic flow meter, battery operated with turbine, series plastic PVC

Description

High quality and accuracy instruments with a body completely made in non-toxic PVC with BSP female threads. Mainly suitable for low viscosity fluids, they can achieve excellent performance on mid-flow rate thanks to the axial turbine. Easy to install, in line or at the pipe ends, they are equipped with a large LCD screen for a quick and easy reading in real time; With two 1,5 V batteries AA size, readily available, minimum life is guaranteed for 1000 working hours; the hard non-toxic PVC shell and the S.S. case closure make them IP65 seal.

They are easy to calibrate and adjustable by changing the constant value called "K" factor. It is possible to reset the counter after each step for a simple and intuitive reading of different uses; they also have a flow meter function which allows, by a simple step, to check the pump flow rate in real time, in litres per minute.

DISCLAIMER: Th Tech Engineering srl operates a policy of continuous product development.
We reserve the right to change specification without prior notice.

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TH TECH engineering
ISO 9001 ISO 14001 OHSAS

Technical specifications

	CL 10	CL 15	CL 21
Thread pipe fitting	Thread gas 3/4" F (DN 40/50)	Thread gas 1 1/4" F (DN 40)	Thread gas 1 1/2" F (DN 40/50)
NOM. flow rate	30 l/min	60 l/min	150 l/min
MIN. flow rate	8 l/min	30 l/min	80 l/min
MAX. flow rate	60 l/min	120 l/min	300 l/min
Accuracy	Best 1%. in the range 3÷30 l/m	± 1,5%	2%, in the range 100÷300 l/m
Repeatability	0,5%, in the range 3÷30 l/m	± 0,8%	1%, in the range 100÷300 l/m
Resolution	0,1 l. (1 l. mod. spec.)	1 l.	1 l.
Max pressure at 20 °C	3 bar	5 bar	5 bar
Operating Temperature	-10÷50 °C (80°C only for washing)	-10÷50 °C (80°C only for washing)	-10÷50 °C (80°C only for washing)
Power supply	1 alkaline battery AA (LR6) 1,5 V	1 alkaline battery AA (LR6) 1,5 V	1 alkaline battery AA (LR6) 1,5 V
Battery lifetime	Min. 2 years (typical 4 years)	Min. 2 years (typical 4 years)	Min. 2 years (typical 4 years)
LCD Display	5 digits, H. 12mm.	5 digits, H. 12mm.	5 digits, H. 12mm.
Dimensions	Ø 120 x 70	Ø 150 x 80	Ø 180 x 230
Weight	850 gr.	3 Kg.	5 Kg.

Applications

- Water
- No viscous fluids

Main features

- Possibility to reset the total after each passage
- Flow meter function
- IP 65 seal
- Powered by 2 batteries 1,5V size AA
- Standard connection threads BSP FEMALE
- Accuracy: best 1% on mid-flow rate

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