

BWT AQUAMETER



General Description

The BWT water + more Aquameter is an universally applicable control device and Flow Sensor.

It guarantees most precise fluid measurements. Excellent suitably to the monitoring our filter range (bestmax, bestmax PREMIUM, bestprotect, a.s.o.) and for the treatment of water.

Specific applications:

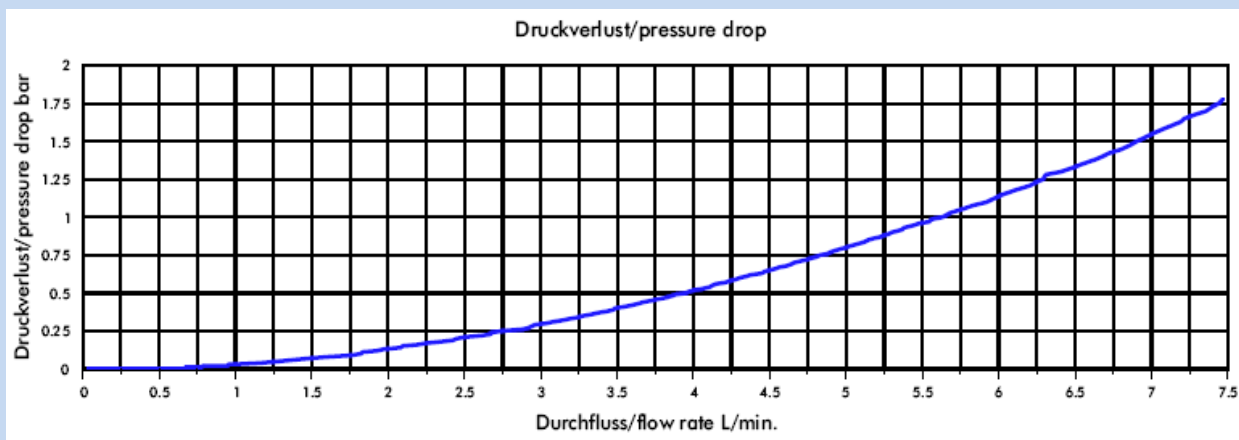
backwards counters, history with date, instantaneous value announcement, automatic impulse calibration, USgallons/litres and /or alarmdate, securit code prevents tempering by unauthorised persons. Current supply over lithium battery. With a battery change all attitudes and values are stored.

Technical data Flow Sensor

Flow rate	0.041 - 15 l/min depending on the nozzle diameter
Measuring accuracy	+/- 2.0%
Repetition	<+/- 0.25%
Temperature range	0°C to +60°C 32°F to 140°F
Pressure range	10 bar at 20°C 145 psi /68°F
Mounting position	Horizontal recommended
Nozzle size	Ø 3.0 mm

Technical data external display:

Splash-proof	IP X4
Limit-measurement	1 - 99999 Litres
Pulses/litre	1 - 65000
Statistics memory	the last 5 zero resets
Display	5 digit
Counter	downward 99999 to -9999 litres
Instantaneous value	l/min
Battery	lithium CR 2032
Display housing	Polycarbonat



The values specified must be considered as approximate values.

The number of pulses per litre may differ depending on medium and installation.

We recommend to calibrate the number of pulses per litre in line with the complete installation.

Pulses /litre	g/pulse	min. flow rate in litres/ min at Linear start	max. flow rate in litres/min	Pressure loss
1130	0.8838	0.1022	5.6310	1.00

RESISTANCE

Special regulations which must be complied with by the flowmeter manufacturer apply to each country, e.g. CE, NSF, FDA and SK. The various media flowing through the flowmeter differ from application to application. You are advised to enquire with the medium manufacturer as to whether the entire installation and the flowmeter are resistant to the medium itself (see Material)!

Approvals / Standards

EMV-Standard: EN 61326: 1997 +A1:1998 + A2: 2001 (IEC 61326: 2002)

Material NSF/ANSI Standard 42

MEASUREMENT TIPS

- Ensure that there is no fast-pulsatory movement of the media
- Ensure that there are no reverse pressure surges
- Ensure that there is no air in the system
- Note the mounting position of the Aquameter
- Min/max flow should be in the linear range of the selected Aquameter
- Clean the system at appropriate intervals
- Avoid humidity at the battery and at the electrical contacts
- Avoid stray pick-up via the cable (Do not lay cables in parallel with high current loads)