



FlowPulse

Static pulser featuring an NPN output for **MVM** and **MVM PLUS C** positive displacement and **WMAP EVO** Woltmann type water meters

- Equipped with an electronic inductive sensor
- 5-wire cable
- Detects removal from the meter
- Detects the flow direction
- Insensitive to mechanical vibrations
- Easy to install and replace
- Retrofits to pre-equipped meters
- Does not affect meter's performance
- Designed for remote reading systems, batching systems, etc.

SPECIFICATIONS

Туре	Microprocessor, inductive pulser		
Power supply	3 V lithium battery		
Battery service life	12 years (average service life under standard conditions, not guaranteed)		
Average battery service life	Temperature	Percentage of service life	
	-10 °C ÷ 0 °C	10%	
	0 °C ÷ +30 °C	80%	
	+30 °C ÷ +55 °C	10%	
Maximum pulse frequency	10 Hz		
Approvals	EC, European directive on electromagnetic compatibility		
Operating temperature	-10 °C ÷ +55 °C		
Storage temperature	-20 °C ÷ +70 °C		
Environmental class	С		
Electromagnetic class	E2		
Protection rating	IP68		

OUTPUTS

Digital outputs (5 wires)	Pulse output, flow direction, fraud, ground, forward pulse counter	
Output type	NPN open collector, 30 V dc, 50 mA do	
Pulse duration	With flow > 4 pulses/s: 50% period With flow ≤ 4 pulses/s: 125 ms	
Pulse factor	MVM-MVM PLUS C	WMAP EVO
	DN 15-DN 32: 1 pulse/litre	DN 50-DN 100: 1 pulse/10 litres
	DN 40: 1 pulse/10 litres	DN 125-DN 200: 1 pulse/100 litres
Cable length	2 m	

CONNECTIONS

Wire	Signal	Description	
White	Pulses	Pulse signal both with forward flow and reverse flow	
Yellow	Direction	Contact closed = return flow	
Green	Fraud	Contact open = fraud	
Brown	Ground	Common ground signal	
Grey	Forward pulses counter	In the event of reverse flow, the meter will count internally the volume flowed. When the forward flow is restored, no pulses are generated until the value of the volume flowed is zero.	

For complete instructions on installation, please refer to the installation guide.



