



FEATURES

Inductive bidirectional pulser for Datawater Woltmann water meters

- Designed for bulk meters
- Suitable both for walk-by read out systems and fixed networks
- Protection rating: IP68
- Powered by a lithium battery with a service life of 12-14 years
- External power supply also available
- Primary and secondary pulse output
- Primary output: pulses for forward and backflow and flow direction
- Secondary output: backflow compensation and compensation in progress
- Pulse factor: 1 to 100 litres – channel 1 10 to 10,000 litres – channel 2
- Tamper evident label
- Screw mounting
- The meter reading is not concealed by the pulser

CONNECTIONS

Battery power supply

Primary pulse output (channel 1)	
Yellow	Pulses
Secondary pulse output (channel 2)	
Red	Compensated pulses
Other	
Brown	Fraud
Black	Common
Optional	
White	Direction
Green	Compensation

External power supply

Pulse output	
Yellow	Pulses
Power supply	
Red	3.6 V dc
Other	
Brown	Fraud
Black	Common
Optional	
White	Direction

TECHNICAL FEATURES

Device type	Microprocessor
Power supply	Lithim battery, 12 years (with pulse = 10 L)
Max. pulse frequency	75 Hz
Operating temperature	-15 °C ÷ +70 °C
Protectin rating	IP68
Cable length	2 m
Output	NPN Open Collector
Max. voltage	30 V
Max. current	30 mA
Pulse length	Channel 1: 10 ms; channel 2: >50 ms

PULSE OPTIONS

Size	50 mm – 125 mm		150 mm – 300 mm	
	Channel 1	Channel 2	Channel 1	Channel 2
2.51.0060*	10 L	10 L	100 L	100 L
2.51.0061**	1 L	10 L	10 L	100 L
2.51.0062	1 L	100 L	10 L	1,000 L
2.51.0063	1 L	1,000 L	10 L	10,000 L
2.51.0064	10 L	100 L	100 L	1,000 L

Channel 1: pulses + direction

Channel 2: pulses (compensated) + compensation in progress

* Recommended for use with the Arrow radio

** Recommended for industrial applications (e.g. batching systems)

