

Static pulser for CD ONE single jet and DS TRP multi-jet water meters



- The Hall effect sensors in combination with a microprocessor enable the detection of magnetic fraud or sensor removal
- Gives a number of pulses proportional to the volume flowed
- Detects the flow direction
- Insensitive to mechanical vibrations
- Detects: removal from the meter and magnetic tampering
- Pulse options: 1 pulse/litre, 1 pulse/10 litres
- Retrofits to pre-equipped meters
- Easy to install and replace
- No influence on the meter's performance
- Designed for remote reading systems, batching systems, etc.

TECHNICAL SPECIFICATIONS

Type	Microprocessor-based device
Power supply	Lithium battery, 15 years
Maximum pulse frequency	4 Hz
Certifications	EC, European directive on electromagnetic compatibility
Operating temperature	-10 °C ÷ +55 °C
Storage temperature	-20 °C ÷ +70 °C
Protection rating	IP68
Cable length	1.5 m
Output	NPN open collector
Maximum voltage	30 Vdc
Maximum current	100 mA Vdc
Pulse duration	With flow rate > 4 pulses/s: 50% period With flow rate ≤ 4 pulses/s: 150 ms

OUTPUTS

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. A maximum of 1000 pulses is allowed for. When the forward flow is restored, no pulses are generated until the value of the volume flowed is zero.

For complete instructions, please refer to the installation guide.