



Optical Impulse module for water meters of type WEHRLE Modularis



*manipulation free impulse
scanning of water meters of
type WEHRLE*

1. Ranges of application

- water meter Qn 1,5 - 15
- suitable for cold and warm water
- impulse out according S0-standard

2. Device description

Impulse click-on attachment for water meters with modular counting mechanism of type WEHRLE Modularis.
All components are completely poured.

3. Functional principle

The rotation of the pointer of the water meter is scanned over the optical indication and is converted into electrical impulse.

4. Highlights

- not magnetic influenceable
- high scanning quality
- low energy consumption
- robust construction/ all electronic parts are poured
- internal power supply
- upgradeable

Technical data sheet

Technische Daten

Parameter	Value
power supply	battery, lithium, internal
service life	12+1 years
type of the output	Open Drain/S0, DIN 43864
proof voltage	30 V
internal resistance	> 200 Ohm
impulse width	> 45 ms
impulse value	1 l (other on demand)
backwards run detection	yes
operating temperature	0°C to 70°C
camp temperature	-25°C to 70°C
test sign	CE
connecting lead	bifilar, 1m
dimensions approx.	63x35x8 mm without connection cable
weight (poured)	15 gram
mount placing	arbitrary
connection	brown - ground, white - open collector
protection class	IP 68
EMC	EN 55011, ENV 50204, EN 61326-1, EN 61123-1, EN 61000-4-20, EN 61000-4-3, EN 61000-4-4, EN 61000-4-6

Scope of delivery

- 1 optical impulse module
- 1 installation and assembly instructions

State: September 2017
Technical changes reserved