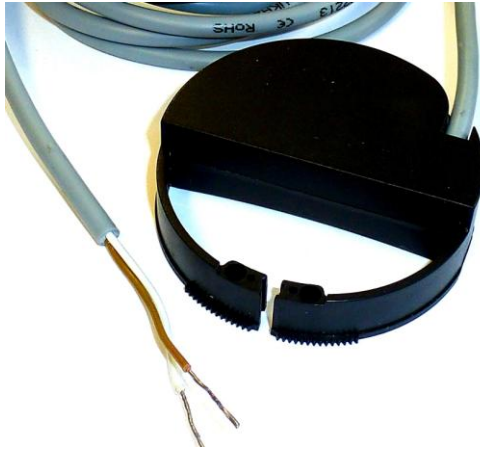


Optical impulse module for multi-jet wet runner water meters of type WEHRLE



*manipulation free impulse
scanning of multi-jet
wet runner water meters
QN 1,5-15*

1. Ranges of application

- water meter Qn 1,5 – 15 of type WEHRLE
- suitable for cold and warm water
- read-out over remote indication
- remote read-out over radiotransmission (in combination with a radio module)

2. Device description

Impulse click-on attachment for the multi-jet wet runner water meters of the company WEHRLE.
Other embodiments on demand.

3. Functional principle

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

4. Highlights

- high-quality sensors
- high protection against manipulations
- low energy consumption/ long lifetime
- robust construction/ all electronic parts are poured
- humidity resistant
- operation security/ internal power supply (battery) in the module
- S0-impulse out

Technical data sheet

Technische Daten

Parameter	Value
power supply	battery, internal
service life	>12 years
type of the impulse output	S0, DIN 43864
impulse out cable	brown -S0, white +S0
proof voltage	30V / 30mA
internal resistance	>200 Ohm,
impulse width	approx.50ms
max. flow	30.000 liter/h (QN 15)
impulse value	10 liter/impulse (other on demand)
operating temperature	0 °C to 60°C
camp temperature	-20°C to 60°C
protection class	IP68
connecting lead	LIYY 2x0,25mm ² grey
cable length	2m
norm relation	DIN 43864
EMC	EN 61326-1, EN 61000-6-1, EN 61000-6-3
test sign	CE
mount placing	arbitrary

Scope of delivery

- 1 optical impulse module
- 1 installation and assembly instructions

State: September 2017
Technical changes reserved