



## Electronic replacement program "WG-FLOW" with integrated radio system

- Integrated OMS radio as well as walk-by/drive-by reading system
- Inductive communication interface for configuration
- MID measurement class approval up to R500 horizontal and R315 vertical
- Protection class IP68
- Lossless consumption data (1st reference day value, 15 monthly value, 480 daily value memory)
- Backflow and manipulation detection, as well as leakage and pipe burst alarm





## Further advantages at a glance

- high data security with the AES128-encryption
- battery control, battery life-time up to 7 years (alternatively up to 13 years)
- backflow and manipulation detection as well as leakage and pipe burst alarm
- temperature range up to 50 °C (cold) and up to 90 °C (warm)
- 359° rotatable counter
- energy-efficient, electronic counter including digital LCD-display



## Remote readout possibilities (AMR)

- with 868 MHz radio wMBus-radio, compatible to OMS
- radio cable in C1 and T1 mode possible
- radio parameters individually adjustable with inductive read/write head

## Relief and cost saving

Complicated mounting and parametrization actions are not applicable and the low handling efforts are time saving for the technician as well as cost saving.





## Technical data

compatible to:

Type	Connection thread	Interface marking
Wasser-Geräte	M66 x 1,25	WGU
ISTA (Koax)	G2B	IST
ABB, Elster, Andrae, Kundo	M65x2	MOE
Allmess, Kalorimeta	M77x1,5	A34
SPX, Rossweiner, ZR-Neptun	M78x1,5	WE1
Metrona 307/1	M66x1	HT2
Metrona 307/2	M64x2	MET
Techem Vario-S	M62x2	TE1
Minol MB 2	M80x1,5	MB2
Minol MB 3	M76x1,5	MB3
Pollumuk	G2x1/4"	PLK
Deltamess	M60x2	DM1

## Technical data of the counter

Radio standard specification:

EN13757-4; wMBus acc. to OMS  
generation 4 T1, C1 mode, security  
profile A AES-128 encoding (mode 5)

Frequency: 868,95 MHz

Coverage: 1.5 km open field

Transmission power: 14 dBm

Battery: 1 Lithium battery; 3,6 V  
size 1/2 AA (life period approx. 7 years)  
size 1 AA (life period approx. 13 years)

Interface: NFC; 13,56 MHz; 4800 Baud

## Approvals/Certificates/Norms

- EU-type verification certificate acc. to guideline 2014/32/EU (MID)
- EU-guideline 2014/53/EU (RED)
- EU-guideline 2011/65/EU (RoHS)
- OIML R49
- EN 14154
- KTW / W 270 (D)
- OMS-compliance

