

## Multi-Jet Dry Meter Measuring Capsule MODULARIS MTK-OZX, MTW-OZX



Fig. top view MTK-OZX IST

Our wide Wehrle multi-jet dry meter measuring capsule portfolio covers all standard in-wall housings. They can be integrated into AMR systems via additional reading modules without a problem.

- Ready for integration into any AMR system
- Temperature range up to 50 °C (cold) and up to 90 °C (warm)
- Nominal flow  $Q_3$  2,5 in  $m^3/h$
- Suitable for all standard in-wall housings
- MID measurement accuracy class ( $Q_3/Q_1$ ) up to R80 horizontal and up to R40 vertical
- 360° rotatable 8-digit totalizer
- Maximum pressure load 1,6 MPa
- Existing original rosettes can be used (Exception: Minol MB2-, MB3- and TE1-rosettes)
- Accessories (e.g. rosettes) are available separately
- Protection code IP64

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## REMOTE READING OPTIONS AMR (Automatic Meter Reading)

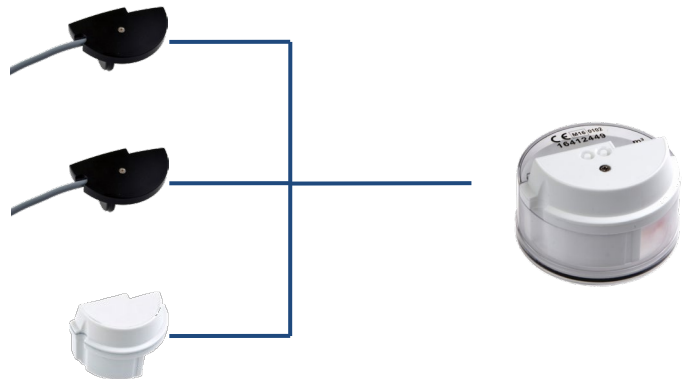
### MODULARIS modules:

MODULARIS Pulse Generator, S0, DIN 43864  
alternatively with

- 1 Litre per pulse
- 10 Litres per pulse
- 100 Litres per pulse

MODULARIS M-Bus module  
according to EN 1434-3

MODULARIS Radio module, frequency range  
433 MHz or 868 MHz (OMS)



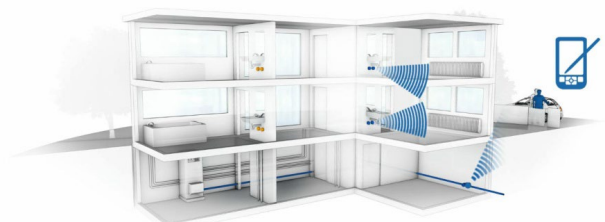
## Retrofitting with Modularis Radio module

- Individually parameterizable
- Data recording via walk-by / drive-by
- Consumption data permanently stored
- Battery lifetime of up to 12 years
- Detection of rotation direction
- Manipulation detection



## Maximum convenience through AMR walk-by / drive-by solution

- Recording and storage of consumption data  
inside the radio module
- Reading of stored data via mobile reading  
device



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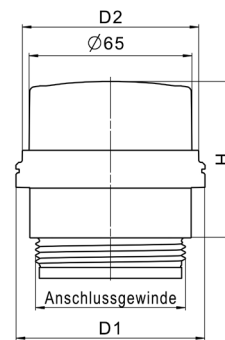
## MTK-OZX, MTW-OZX

### TECHNICAL DATA

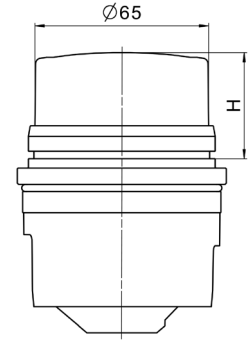
#### Model

MTK-OZX = Cold water from 0,1 °C up to 50 °C  
 MTW-OZX = Warm water from 0,1 °C up to 90 °C

Bsp: Version IST



Minol MB2



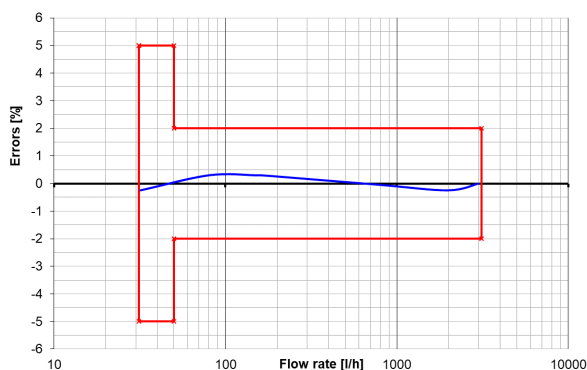
Compatible to	Type	Height H in mm (ca.)	D1 in mm	D2 in mm	Nominal flow Q <sub>3</sub> in m <sup>3</sup> /h	Thread	Starting flow* in l/h	Flow rate Q' at 1 bar pressure loss	Weight in kg (ca.)			
ISTA EAS-N	IST	62	75	71	2,5	G 2"	3	3400	0,2			
Elster/ABB MO-E/EAS-H MO-C/EAS-N	MOE	35				0,2						
Allmess UP6000	A34	42				0,5						
Techem UP TE1	TE1	40				0,2						
Metrona/Brunata HT3	MET	35				0,2						
Deltamess TRK	DM1	55				0,4						
Metrona 307/1	HT2	51				0,4						
SPX/Spanner Pollux Pollomuk	MJK	35				0,3						
Wehrle Unterputz	WE1	45				0,6						
Wasser-Geräte WGU	WGU	51				0,4						
Minol MB3	MB3	46				0,5						
Minol MB2	MB2	40				-			-	-	2800	0,5

\* Additional lengths available on request

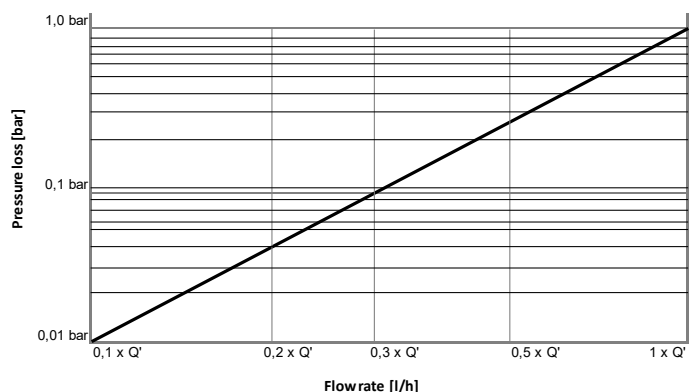
\*\* Typical values in horizontal installation position

The meter does not require any upstream or downstream straight length (U0/D0).

Typical error curve Q<sub>3</sub> 2,5 R80H



Typical pressure loss graph



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## MTK-OZX, MTW-OZX

### APPROVALS / CERTIFICATES / STANDARDS

- EU-Type Examination Certificate according to 2014/32/EU (MID)
- OIML R49
- EN 14154
- KTW-BWGL / W270 (D)
- ÖNORM B5014 (AT)

### ADDITIONAL OPTIONS

- Individual labelling of totalizer and/or protection cover (on customer request)
- Transparent cover with viewing window for litre pointer → Fig. ①
- Individual customer serial number (max. 14 figures)
- Different accessories (e.g. rosettes → Fig. ②)



Fig. ①

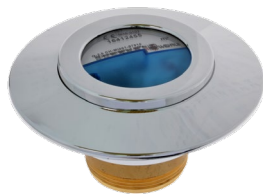


Fig. ② (Model IST)

### VARIANTS



Fig. MTW-OZX IST (warm water)