

## Flat water meters of type ETK/ETW with Modularis counting mechanism



*Single jet dry run water meter  
for cold and warm water  
measuring*

### 1. Ranges of application

- Living and business houses (sub meter or main meter)
- Read-out systems: is ready for integration in different read-out systems (in combination with click-on modules)

### 2. Device description

Standard water meter for cold and warm water, completed in different precision classes, dry run. Indication of the actual consummated volume of water. Remote reading over the optical M-Bus-/impulse module.

### 3. Functional principle

The rotation of the paddle-wheel is transmitted to the counting mechanism via 4-pole magnetic coupling.

The compliance with various modules is possible without the change of the construction and injury/remove of the standard lead seal.

### 4. Highlights

- compact construction
- maintenance free
- remote read-out possible
- counting mechanism can be rotated in 360°
- protected avoid manipulations
- counting mechanism apart from the water area
- metrological class C available

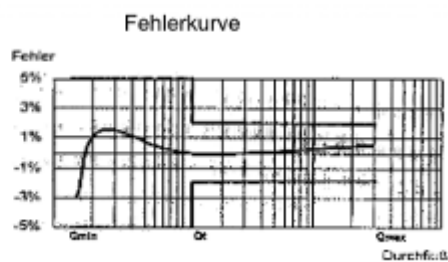
## Technical data sheet

### Technical data

Parameter	Value
ETK – single jet, cold water	
water temperature	0 to 30°C
mount placing	horizontal, vertical
ETW – single jet, warm water	
water temperature	0 to 90°C
mount placing	horizontal, vertical
counting mechanism indication wheels	8
maximal volume indication	99999,999 m <sup>3</sup>
camp temperature	-10 to 50°C
nominal pressure	10 (16) bar

Typ	Qn m <sup>3</sup> /h	met. class	L mm	Dn mm	Qmax. m <sup>3</sup> /h	Qt m <sup>3</sup> /h	Qmin. l/h	Qstart l/h	Conn. inch	H mm	m kg
ETK/ETW	1,5	C-H	110	15	3	22,5	15	5	¾	69	0,50
ETK/ETW	1,5	B-H A-V	80	15	3	120	30	8	¾	69	0,45
ETK/ETW	1,5	B-H A-V	110	15	3	120	30	8	¾	69	0,50
ETK/ETW	2,5	B-H A-V	130	20	5	200	50	15	1	69	0,58

(H - horizontal, V – vertical)



### Technical data acc. to MID

Q<sub>3</sub> 1,6, 2,5, 4,0

RH 40 to 160

All configurations on demand.

### Scope of delivery (standard)

- 1 water meter ETK or ETW
- Installation instruction

### Accessories (option)

- click-on modules:
  - optical impulse module
  - optical M-BUS module

State: September 2017  
 Technical changes reserved