MÄTARKONTROLL

ETKDI / ETWDI

Single-jet dry dial meter

Apartment water meter with pulser

The ETKDI / ETWDI is a single-jet water meter developed by ZENNER with the new D-register and equipped with a pulser permanently installed ex works.

The individual advantage of the ETKDI is an exceptional compact design. With its very small height, the meter easily adapts to any installation situation.

The EDKDI / ETWDI has a register with protected magnetic coupling and ensures an accurate collection of the meter data for the individual consumption billing in flats and apartments. The ETKDI / ETWDI is available with a 7-digit register and a pulse value of 10 l or with a 8-digit register and a pulse value of 1 l respective in the sizes Q3=2,5 and Q3=4.

Due to the already preinstalled pulser the ETKDI / ETWDI enables remote reading of the meter data. Using a special add-on module it can be integrated into an M-bus or radio system.

ZENNER
All that counts.

Performance charac-teristics in overview

- Dry dial register with shielded magnetic coupling
- Equipped during manufacturing with a reed pulser
- Low installation height
- Model ETKDI for cold water up to 30°C
- Model ETWDI for warm water up to 90°C
- Counter equipped with 7 or 8 digits
- Pulse value 10 l/Imp (7-digits) or 1l/Imp (8-digits)
- Counter 360° rotatable
- Operating pressure PN 16
- For horizontal and vertical installation
- Approved in accordance with MID

VMK 2017-04

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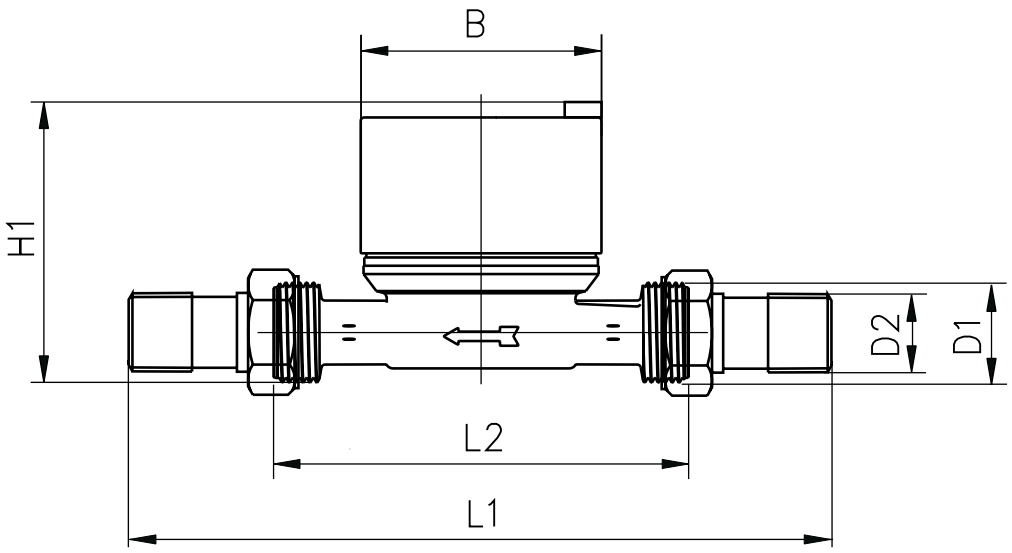
Technical data			ETKDI/ETWDI			
Permanent flow	Q_3	m³/h	2,5			4
Comparable to nominal flow (EWG)	Q_n	m³/h	1,5			2,5
Overall length without connectors	L2	mm	80	110	130	130
Overall length with connectors approx.	L1	mm	160	190	226	226
Thread meter G x B	D1	inch	¾	¾	1	1
Thread connector R x	D2	inch	½	½	¾	¾
Nominal diameter	DN	mm	15	15	20	20
	DN	inch	½	½	¾	¾
Standard measuring range	Q_3/Q_1	R	40H/40V	80H/40V		
Comparable to metrological class (EWG)	class		A*H/A*V	B*H/A*V		
Maximum flow	Q_4	m³/h	3,125			5
Minimum flow	Q_1	l/h	62,5	31		50
Start-up flow rate		l/h	10		14	
Maximum temperature		°C	30/90			
Operating pressure	PN	bar	16			
Pressure loss at	Q_4	bar	<1			
Width	B	mm	66			
Height	H1	mm	77		80	
Weight		kg	0,40	0,45	0,55	0,55



VMK 2017-04