



WaterMetering

Residential Water Meters

Multi-jet Dry Dial Meters

MKTD-S1 (15mm - 20mm) MKTD-M (25mm - 50mm)

AMR Technology

OIML Marked & Conforming to ISO 4064

MKTD-S1 & MKTD-M

Performance Characteristics

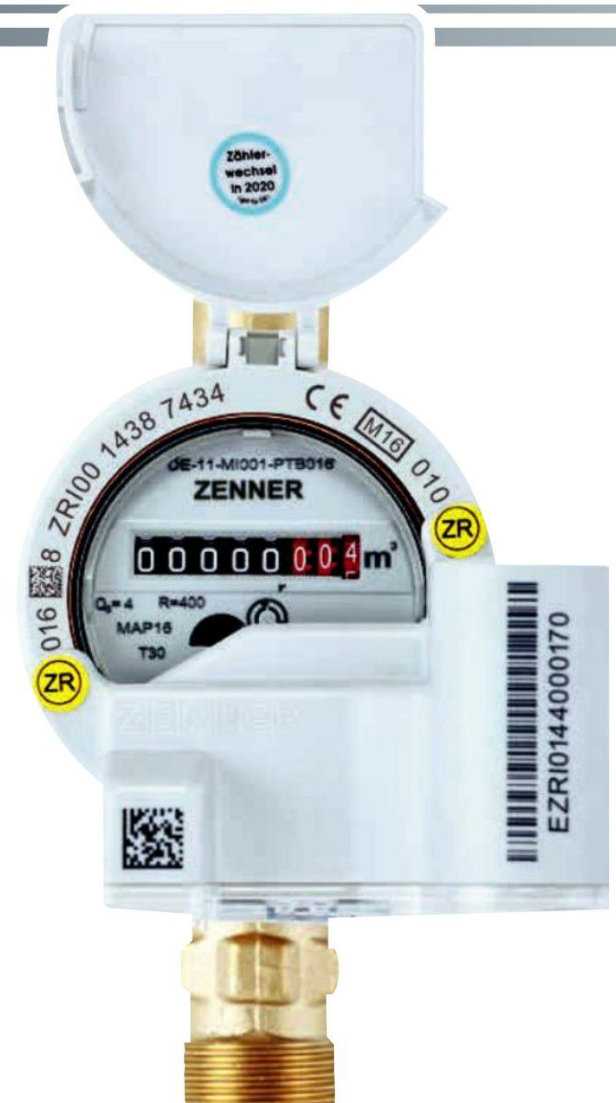
- ★ High-quality UV-resistant plastic window
- ★ Dry dial register with shielded magnetic coupling
- ★ Operating pressure PN 16
- ★ Available with flood-proof (IP68 hermetically sealed glass/copper register)
- ★ Approved in accordance with MID / OIML

Applications

- ★ For the consumption measuring of cold potable water up to 50°C
- ★ Water meter for horizontal and vertical installation

AMR options

- ★ Standard pulse value 10 l/pulse, optional 1 l/pulse available
- ★ Radio via LPWAN (LoRaWAN™, SIGFOX)



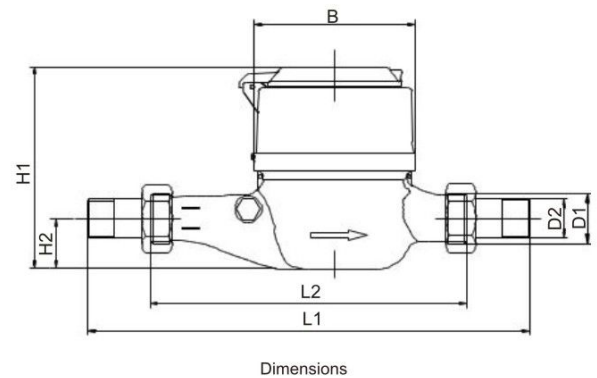
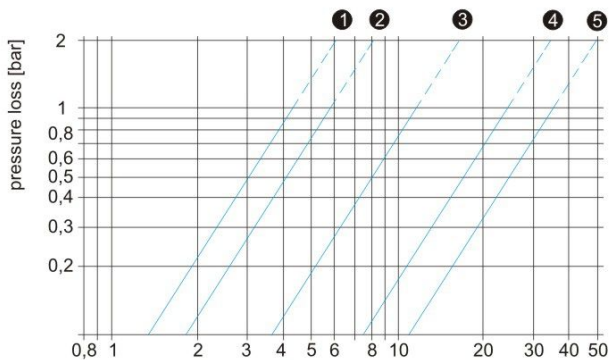
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All that counts.

Technical data MTKD-S1 & Technical data MTKD-M

Nominal diameter	DN	mm	15	20	25	32	40	50
Permanent flow	Q ₃	m ³ /h	2,5	4	6,3	10	16	25
Comparable to nominal flow (EWG)	Q _n	m ³ /h	1,5	2,5	3,5	6	10	15
Standard measuring range(*)	Q ₃ /Q ₁	R	R80H	R80H	R40V/80H	R40V/R80H	R40V/R80H	R80H/40V
comparable to Metrological class (EWG)	class		B-H	B-H	A / B-H	A / B-H	A / B-H	B-H /A-V
Overload flow (**)	Q ₄	m ³ /h	3,13	5,0	7,88	12,5	20	31,3
Minimum flow(**)	Q ₁	l/h	31H	50H	158 / 79H	250 / 125H	640 / 200H	313H
Start-up flow rate	-	l/h	<8	<10	<18	<18	<40	<25
Display range	min	l	0,02	0,02	0,02	0,02	0,02	0,1
	max	m ³	99999.999	99999.999	99999.999	99999.999	99999.999	99999.999
			R7	R7				
			99999.99	99999.99				
Maximum temperature	-	°C	50	50	50	50	50	50
Operating pressure, max	MAP	bar	16	16	16	16	16	16
Pulse value		l/pulse	1/10	1/10	1/10	1/10	1/10	1/10
Overall length without connectors(*)	L2	mm	165/90	190	260	260	300	300
Overall length with connectors approx	L1	mm	245/270	286	378	384	428	444
Thread meter G x B	D1	inch	¾"	1	1¼"	1½"	2"	2½"
Thread connector R x	D2	inch	½"	¾"	1"	1¼"	1½"	2"
Width approx	B	mm	85	85	95	95	110	110
Height approx	H1 K*	mm	105	105	120	120	150	150
	H2	mm	30	30	35	40	50	60
	H3	mm	15	15	15	15	15	15
Weight approx	-	kg	0,85/0,95	1,0	2,1	2,1	4,0	4

(*) Other measuring ranges (R) and overall lengths on request. (**) The data refer to the standard measuring range K* plastic glass



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