



RTKD-L

Positive displacement meter
in a composite housing

Register available with protection class IP 68

Operating pressure MAP 16

Prepared for remote meter reading



ZENNER
All that counts.



RTKD-L-M with modulator disc



RTKD-L-M with EDC radio module

RTKD-L

Positive displacement water meter in a composite housing

Equipped with the newly developed dry dial D-register by ZENNER, the new RTKD-L positive displacement meter is a meter for all who place the highest demands on reliability and measuring accuracy.

The RTKD-L records the flow rate using the volumetric measuring principle and, in this way, guarantees extremely precise consumption recording (max. Ratio $Q_3/Q_1 = 400$) and accounting.

The RTKD-L is equipped with the new ZENNER D-register and ready for all future AMR-applications. RTKD-L is available in two versions: RTKD-L-N is equipped with a magnet pointer for pulse output. RTKD-L-M is equipped with a modulator disc for non-reactive scanning for radio (wireless M-bus), M-Bus or pulse.

The maximum operating pressure is MAP 16.

Product features in a glance

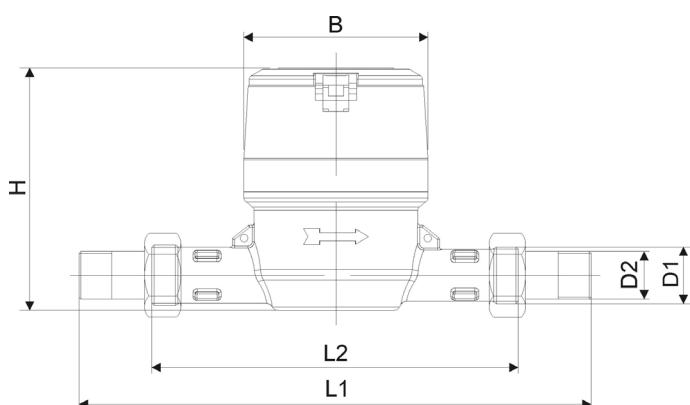
- Light and robust polymer composite housing
- Version RTKD-M with modulator disc for non-reactive scanning for radio (wM-bus), M-bus or electronic pulse
- Version RTKD-N with pulse output (reed) for remote read-out systems
- Dry dial counter with shielded magnetic coupling
- Counter equipped with 8-digit as standard
- Counter 355° rotatable
- Register available as copper can version (IP 68)
- Operating pressure MAP 16
- For any installation position
- Approved in accordance with MID

Technical data RTKD-L

Permanent flow	Q_3	m^3/h	1,6	2,5	1,6	2,5	4	4
Comparable to nominal flow (EWG)	Q_n	m^3/h	1	1,5	1	1,5	2,5	2,5
Attainable measuring range	Q_3/Q_1	R	250	400	250	400	400	400
Standard measuring range (*)	Q_3/Q_1	R	160	160	160	160	160	160
Comparable to metrological class (EWG)	class		C-H/V	C-H/V	C-H/V	C-H/V	C-H/V	C-H/V
Overload flow (**)	Q_4	m^3/h	2	3,13	2	3,13	5	5
Minimum flow (**)	Q_1	l/h	10	16	10	16	25	25
Start-up flow rate	-	l/h	1	1	1	1	1	1
Maximum temperature	-	°C	30	30	30	30	30	30
Operating pressure, max.	PN	bar	16	16	16	16	16	16
Pressure loss at								
Weight and dimensions:	DN	mm	15	15	15	15	20	20
Nominal diameter		inch	$\frac{1}{2}''$	$\frac{1}{2}''$	$\frac{1}{2}''$	$\frac{1}{2}''$	$\frac{3}{4}''$	$\frac{3}{4}''$
Overall length without connectors	L2	mm	110	110	165/170	165/170	165	190
Overall length with connectors approx.	L1	mm	~195	~195	~250	~250	~261	~285
Thread meter G x B	D1	inch	$\frac{3}{4}''$	$\frac{3}{4}''$	$\frac{3}{4}''$	$\frac{3}{4}''$	1"	1"
Width	B	mm	85	85	89,5	89,5	95	95
Height	H1	mm	115	115	119	119	137	135
Weight	-	kg	0,5	0,5	0,58	0,58	0,73	0,74

(*) Other measuring ranges (R) on request.

(**) The data refer to the standard measuring range



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