EnergyMetering

RNK-RP-N

Volumetric rotary-piston meter with protected dial

retrofitable with pulser

ZENNER
All that counts.

RNK-RP-N

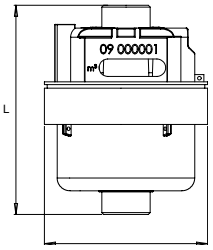
Volumetric rotary-piston meter for cold potable water with protected dial and brass body

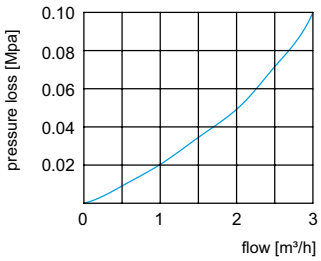
Our series of RNK-RP volumetric piston meters with protected dial are an improvement of the classical RTK. The millionfold proved and high-precise measuring insert in combination with the rugged casing performs perfectly the measurement of potable water. A very low starting flow and reliable performance are its main features. The protected roller counter is reliably readable even under demanding climatic conditions. Filter is including. The construction principle of the RNK-RP-N with direct transmission from the measuring chamber to the counter ensures by standard protection against magnetic or other manipulation attempts or interference.

The optional internal check valve ensures additional protection and backflow prevention.

Performance characteristics in overview

- Rugged and intelligently conceived
- Counter with protected rollers
- Body made from high-quality brass
- Working temperature 30°C, security up to 50°C
- Operating pressure PN16
- Display range 0,02 l to 9.999 m³
- Proven accuracy in any installation position
- Optional with integrated tamperproof check valve
- Retrofitable with pulser 0,5 l/pulse (DN 40 5l/pulse)
- Other sizes of volumetric meters up to DN 40 available on request
- According to ISO 4046 and MID 2004/22/EC





Technical Data							
Nominal width	DN	mm	15	20	25	32	40
Nominal flow	Q3	m3/h	2,5	4	6,3	10	16
Metrological class (*)	Q3/Q1		160	200	200	200	200
Maximum flow	Q4	m3/h	3,125	5	7,875	12,5	20
Minimum flow	Q1	L/h	16	20	32	50	80
Length	L	mm	110/115/165	165/190	260	260	300
Width	B	mm	88	100	117	145	179
Thread meter			G3/4B	G1B	G1 1/4B	G1 1/2B	G2B
Weight ca.		kg	0,79/0,80/0,95	1,1/1,2	2,5	3,6	5,9

(*) Standard Ratio R160

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