

RTKD-L-M / RTKD-L-M-CC

Positive displacement dry dial meter for cold water in a plastic housing

The RTKD-L-M positive displacement meter records the flow rate according to the volumetric measuring principle. It offers a very high measuring range, excellent measuring stability and therefore guarantees extremely precise consumption recording. The RTKD-L-M features a very low starting flow and is permitted for all installation positions.

The meter is equipped with an 8-digit dry dial meter register and a modulator disc. This enables electronic, non-reactive scanning and is the basis for remote reading of meter data via radio with LoRaWAN® or wM-Bus (according to OMS). A combined M-Bus/pulse module is also possible.

The housing of the RTKD-L-M comprises glass-fibre reinforced plastic approved for drinking water with brass connection threads and is designed for an operating pressure of up to 16 bar.

Performance characteristics at a glance

- Positive displacement dry dial meter
- For any installation position (except for overhead)
- Highest precision and reliability even in case of low flow rates
- Register cap made of UV-resistant plastic
- Optionally available with copper-glass counter (IP 68)
- Housing made of glass-fibre reinforced polymer plastic
- Register rotatable 355°
- Operating pressure MAP 16
- Approved in accordance with MID



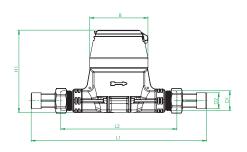
Applications

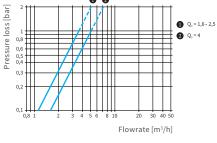
 For the consumption measurement of cold and unpolluted drinking water or service water up to 30°C

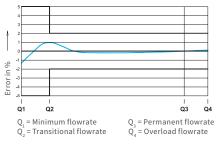
AMR options

- As standard with communication interface for EDC modules (Electronic Data Capture):
 - EDC LPWAN radio module (868 MHz) for LoRaWAN®
 - EDC wireless M-Bus radio module according to OMS standard (868 MHz), EN 13757-4
 - EDC- combined M-Bus and pulse module

 $^{^4}$ DN15 housing 170 mm with % and $\,$ DN20 housing 190 mm with 1 % thread possible







Dimensions

Typical pressure loss curve

Typical error curve

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¹ Other measuring ranges (R) and overall lengths on request

 $^{^{\}rm 2}$ The data refers to the attainable measuring range

³ Condensation possible