



ETKD-N/ETWD-N

Single-jet dry-dial meter for cold and hot water

The ETKD-N/ ETWD-N is a single-jet meter with a 7- or 8-digit register with protected magnetic coupling. Prepared for a mechanical reed switch. The individual advantage of the ETKD-N/ ETWD-N is an exceptionally compact design. With its very small height, the meter easily adapts to any installation situation. The ETKD-N/ ETWD-N guarantees reliable recording of meter data for individual consumption billing. Alternatively, the reed switch interface enables remote reading of the meter data via PDC via radio with LoRaWAN® or wM-Bus.

All materials, which are used in the drinking water section, comply with the required standards, guidelines and the current German drinking water approval (other country-specific drinking water approvals on request).



Performance characteristics at a glance

- Single jet dry-dial meter with protected magnetic coupling
- For horizontal and vertical installation (also for ascending and descending pipes)
- With 8-rollers-register and magnet pointer with 1 l/pulse, optional with 7-rollers-register and magnet pointer with 10 l/pulse
- Register cap made of high-quality UV-resistant polymer plastic
- Protection cap can be retrofitted as an option
- Brass meter housing according to UBA (Federal Environment Office) list
- Register rotatable 355 °
- Operating pressure MAP 16
- Approved according to MID

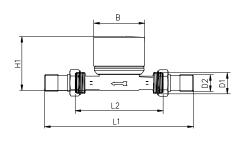
Applications

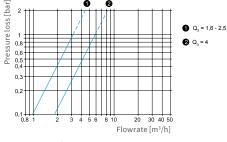
- For the consumption measurement of cold and unpolluted drinking water or service water up to 50 °C (ETKD)
- For the consumption measurement of hot and unpolluted drinking water or service water up to 90 °C (ETWD)

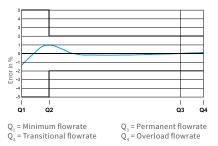
AMR options

- Retrofittable with PDC module (PulseDataCapture):
 - PDC LPWAN radio module for LoRaWAN®
 - PDC wireless M-Bus radio module 868 MHz
- Retrofittable with reed switch:
 - 1 l/pulse at 8-rollers-register
 - 10 l/pulse at 7-rollers-register

Attention: not all versions are available in all markets







Dimensions

Pressure loss curve

Typical error curve

ZENNER International GmbH & Co. KG

Heinrich-Barth-Straße 29 | 66115 Saarbrücken | Germany

 Phone
 +49 681 99 676-30
 E-mail
 info@zenner.com

 Fax
 +49 681 99 676-3100
 Internet
 www.zenner.com

¹ Other measuring ranges (R) on request

²The data refers to the standard measuring range

³ Condensation possible

⁴ Thread %" on request