

MTWD-M-CC-FA

Multi-jet dry dial meter for hot water with flood-proof (IP68) hermetically sealed glass/copper register in a downpipe design

The current state of development of the MTWD-M-CC-FA guarantees the most precise measurement results, minimal bearing load and a long service life.

The MTWD-M-CC-FA is ideally suited to measuring tasks at temperatures up to 90 °C and fits perfectly into all installation locations provided for downpipe meters. By using special materials, outstanding measurement readings can be combined with a high maximum temperature. The register of the FA variants also works in horizontal position.

The meter is equipped with an 8-digit glass/copper register (IP68) 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.



Performance characteristics at a glance

- Multi-jet dry dial meter with shielded magnetic coupling
- Water meter for downpipe installation
- Equipped with glass/copper register (IP68) as standard
- Brass body according to Federal Environment Office (UBA) list
- Register rotatable 355°
- Operating pressure MAP 16
- Approved in accordance with MID

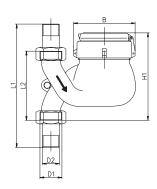
Applications

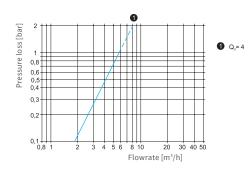
 For the consumption measurement of hot and clean drinking water or service water up to 90 °C

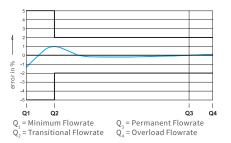
AMR options

- 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

Attention: Attention: not all versions are available in all markets







Dimensions

Typical pressure loss curve

Typical error curve

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¹ Other measuring ranges (R) on request

 $^{^{\}rm 2} The \, data \, refer \, to \, the \, standard \, measuring \, range$

³Condensation possible