WasserGeräte
Internationaler Hersteller von Wasserzählern

In-wall meters
Wasser-Geräte "ECO"

In-wall compact meters dry dial for modular radio, M-Bus and pulse systems

- Easy and unproblematic installation
- Exchangeable measuring insert.
- The housing stays in the wall after the calibration period has expired
- Extra fast service
- Rotating measuring head
- Elegant design
- Highest measuring accuracy
- Absolute corrosion resistant
- Super dry for all installation positions
- Mature construction and superior technique

CE Impuls M-Bus MID DVGW MITGLIEDS-UNTERNEHMEN

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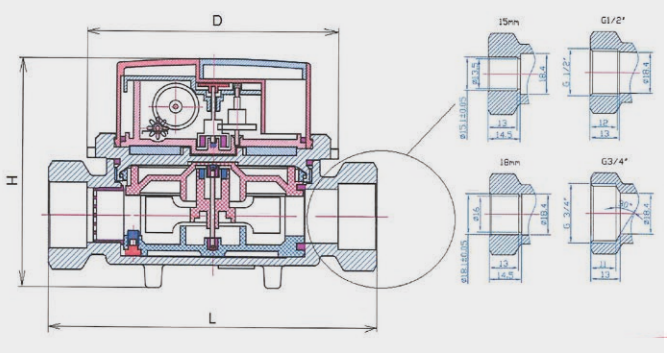
In-wall water meter for cold and warm water

This new in-wall water meter is the most advanced method for an exact consumption measuring, as the new Heating Costs Ordinance stipulates. Its space-saving construction allows an easy installation without expensive in-mounting costs.

The corrosion resistant in-wall housing and the compact measuring insert are the two elements of this new meter generation. The installation of the in-wall housing can be performed at the same time with the pipeline laying. The measuring insert shall be mounted only after plastering or tiling. It can be exchanged at any time, thus simplifying the regular maintenance acc. to the statutory obligation for calibration.

Highest measuring accuracy, durability, wear resistance and absolute corrosion resistance are achieved by using high-quality plastics and bearing materials. The meter is super dry type, which excludes steaming by condensation. The exemplary design and the compact size of this meter also fits it in very elegant apartment and bath furnishings.



Technical data

UP-WG-O-M			
Temperature	T		50, 90
Nominal size	DN	mm	15, 20
Readability max	m^3		99 999
Readability min.	m^3		0.00005
Admitted pressure load			MAP16
Work pressure	bar		from 1.3 up to 16
Pressure loss			Δp 63
Damping zone			U0, D0
Admitted installation position			H, V
Climatic and mechanical environment			Closed aread / from 5 °C up to 55 °C / mech. class M1
Min. flow rate	Q_1 H Q_1 V	m^3/h m^3/h	0.03125 0.05
Transitional flow rate	Q_2 H Q_2 V	m^3/h m^3/h	0.05 0.01
Permanent flow rate	Q_3	m^3/h	2.5
Overload flow rate	Q_4	m^3/h	3.125
Measuring accuracy range	Q_3/Q_1 Q_3/Q_1	H V	80 40
Ratio	Q_2/Q_1		1.6

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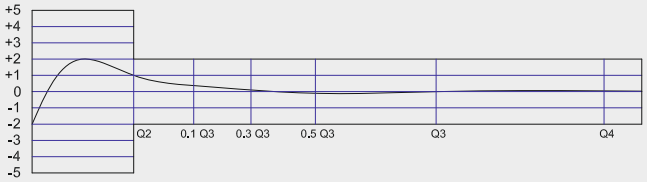
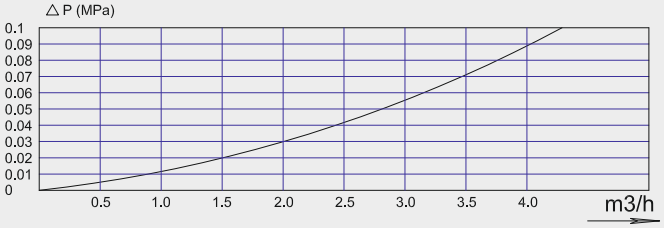
Pressure loss curve



Error curve



Subject to technical modifications | as of February 2021

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