

House water meters of type MTK/MT- HWX with Modularis counting mechanism



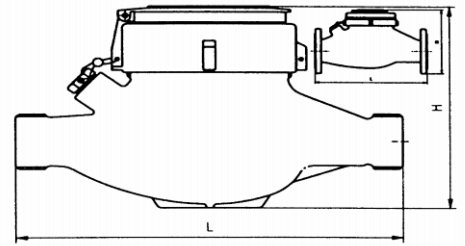
Multi-jet dry run water meter,
example: MTK/MTW-HWX,
Qn 6
with Modularis counting
mechanism

1. Ranges of application

- houses
- shafts
- industrial applications

2. Device description

- MTK-HWX Qn 1,5-15 /MTW-HWX Qn1,5-10
- Multi-jet paddle wheel water meter dry runner
- for cold and warm water 30°C/90°C
- horizontal and vertical mount
- magnet protected
- usable with M-Bus-/impulse modules of the Neumann & Co. group for Modularis counting mechanisms



3. Functional principle

The torque of the wheel is transmitted to the counting mechanism via magnet coupling.

The put on module grasps the pointer rotation of the water meter by optical scanning and converts this into electric impulses.

4. Highlights

- robust construction
- maintenance free
- protected avoid manipulations
- polluted water acceptably

Technical data sheet

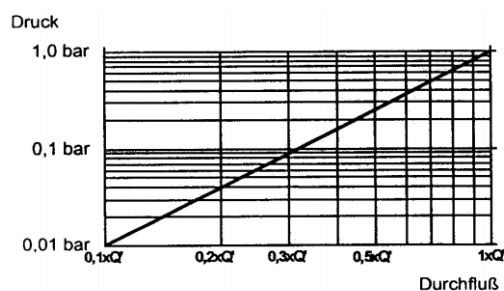
Technical data

Overall size m³/h	Class	L mm	DN mm	PN bar	Qmax m³/h	Qn m³/h	Qt l/h	Qmin l/h	Qstart l/h	Connect. inch	H mm	m kg
1,5	B-H	165	15	16	3	1,5	120	30	13	¾	108	1,6
2,5	B-H	190	20	16	5	2,5	200	50	13	1	108	1,6
3,5	B-H	260	25	16	7	3,5	280	70	23	1 ¼	120	2,4
6	B-H	260	30	16	12	6	480	120	23	1 ½	120	2,4
10	B-H	300	40	16	20	10	800	200	45	2	143	4,8
15	B-H	300	50	16	30	15	1.200	300	45	F50 Flansch	162	9,6

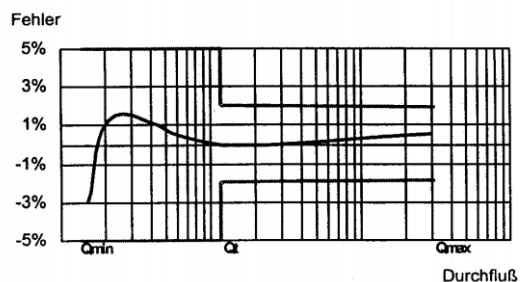
MNK – available in classe “C” (H – horizontal mount; V – vertical mount)

Measuring curves

Pressure loss curve



Mistake curve



Technical data to MID

Q₃ 2,5, 4,0, 6,3, 10,0, 16,0, 25,0

RH 40 to 160

All configurations on demand.

State: September 2017
Technical changes reserved