

MTH

MTH-HWK (Horizontal)

MTH-SWK (riser pipe)

MTH-FWK (downpipe)

Multi-jet dry runner

Volume measuring section with reed sensor



Technical data sheet

APPLICATION

Our multi-jet dry runners volume measuring parts are designed flow rate, due to their accuracy and accuracy and reliability, they are an important part of modern building services.

FEATURES

Our multi-jet dry runners volume measuring parts are designed flow rate, due to their accuracy and accuracy and reliability, they are an important part of modern building services.

- ' Prepared for integration into various remote reading systems
- ' Temperature range up to 120°C (hot)
- ' Nominal flow Qp 1.5 to Qp 15
- ' Nominal width DN 15 to DN 50
- ' Overall lengths 105 mm to 300 mm
- Pulse values 10 litres
- ' Approval MID measuring range (accuracy class 3) up to 25:25:1 horizontal and vertical
- ' 5- or 8-roller contact totaliser
- ' Cable length 2m (standard) to 3m
- ' Tamper-proof due to metal cover
- ' Pressure load max. 1.6 MPa
- ' Protection class IP 65

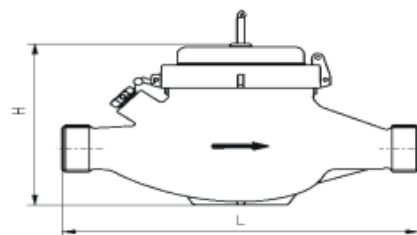
1. Technical Data	
Switching direct voltage	200 V
Switching current	500 mA
Switching time	5 ms
Transport current	500 mA
Contact resistance	150 mOhm
Capacitance	2 pF

2. Type	
MTH Hot water from	+0.1°C to +120°

TECHNICAL DATA

Model

MTW- ... = Warm water from +0,1 °C up to +90 °C
MTH- ... = Hot water from +0,1 °C up to +120 °C



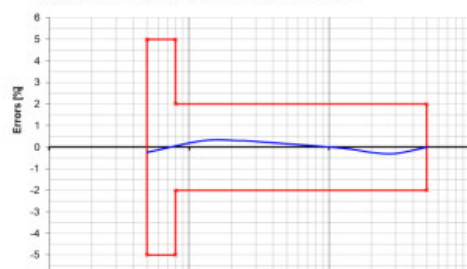
Installation position	Model	Length* L in mm	Height H in mm (ca.)	Nominal flow Qp in m3/h	Nominal width DN in mm	Thread in inch	Starting flow** in l/h	Flow rate Q' at 1 bar pressure loss in l/h (ca.)	Weight in kg (ca.)
horizontal	MTW-HWK MTH-HWK	165	132	1,5	15	G ¾ B	13	3500	1,5
		190	132	2,5	20	G 1 B	13	5600	1,6
		260	150	3,5	25	G 1 ¼ B	18	12500	2,9
		260	150	6	25	G 1 ¼ B	18	12500	2,9
		260	150	6	32	G 1 ½ B	18	12500	2,9
		300	171	10	40	G 2 B	38	24000	4,9
		270	185	15	50	G 2 ½ B	38	31000	10
ascending	MTW-SWK MTH-SWK	105	142	1,5	20	G 1 B	13	5500	1,7
		105	142	2,5	20	G 1 B	13	5500	1,7
		150	162	3,5	25	G 1 ¼ B	18	12500	2,8
		150	162	6	25	G 1 ¼ B	18	12500	2,8
		150	207	16	40	G 2 B	38	26000	4,7
descending	MTW-FWK MTH-FWK	105	142	1,5	20	G 1 B	13	5500	1,9
		105	142	2,5	20	G 1 B	13	5500	1,9
		150	162	3,5	25	G 1 ¼ B	18	12500	2,8
		150	162	6	25	G 1 ¼ B	18	12500	2,8
		150	207	16	40	G 2 B	38	26000	4,7

* Additional lengths available on request

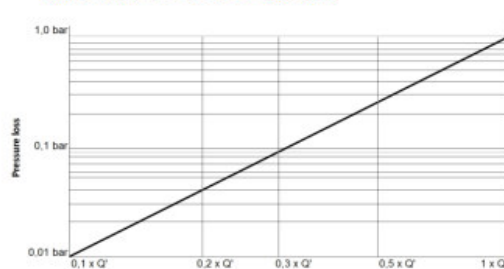
** Typical values in horizontal installation position

The meter does not require any upstream or downstream straight length (U0/D0).

Typical error curve Q_p 4 50:1



Typical pressure loss graph



APPROVALS / CERTIFICATES / STANDARDS

- EU-Type Examination Certificate according to 2014/32/EU (MID)
- OIML R49
- EN 14154
- KTW / W270 (D)