



Mechanical water meter

Q water 4 (WEH)

in measuring capsule version

Mechanical MID-conform meter for determining water consumption in water supply systems.

The mechanicel water meter Q water 4 (WEH) has been designed as a multi-jet dry running meter for a nominal flow of Q_3 2,5 m³/h.

There are a total of 12 product variants available for direct installation in connection interfaces (EATs) from different manufacturers.

Numerous product variants also available as a set, consisting of Q water 4 (WEH) with factory assembled and preconfigured Q module 5.5 water.



Application

The mechanical water meter used for measuring water quantities. The main areas of application are in water supply systems where the water is outputted individually to different consumers.

This is meaningful in:

- Apartment buildings
- Offices and administration buildings

Typical users are:

- Private building owners
- Housing associations
- Building service companies
- Property management compaies

Functions

- Measurement of water consumption
- Display of consumption values

Technology

Measuring principle

The meter operates based on the multi-jet measuring principle where the water jet hits the impeller tangentially. The impeller's speed is sensed magnetically.

Version

The meter is made up of the measuring capsule and the calculator unit. The capsule is installed in the respective single-pipe connection piece (EAT). It is made of plastic and contains the measuring chamber with the multi-jet impeller wheel sensor. The calculator unit can be turned through 360° on the volume meter.

The water meter is equipped with a QUNDIS-specific Data Matrix code. It is located on the meter's marking plate, on the packaging and on the outer packaging and contains the serial number, the complete article number, the year of the conformity assessment and the number of products.

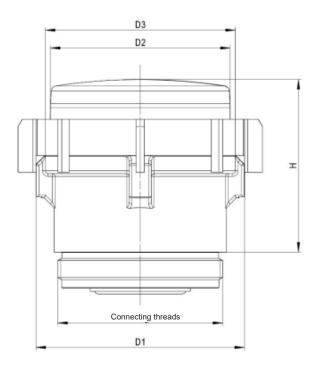


Technical Data

Motor size / permanent flowarie Q, m3/h State Parameter flowarie Q, m3/h Mos x2 Mos x2 Mos x2 Mos x2 Mos x2 Mos x1,5 Mos x1,5 Mos x1,5 Mos x2 Mos x1,5 Mos x1,5 Mos x2 Mos x1,5 Mos x2 Mos x1,5 Mos x2 Mos x1,5	Meter type	× ×	WMM4 xxxx 4	WMM4 xxxx 6	WMM4 xxxx 8	WMM4 xxxx A	WMM4 xxxx C	WMM4 xxx E	WMM4 xxxx G ⁽¹⁾	WMM4 xxxx J	WMM4 xxxx T	WMM4 xxxx V	WMM4 xxxx W	WMM4 xxxx X
STATE AGA TE1 MCC/MOR MET / HT3 HT2 MBCX M	Meter size / permanent flowrate Q ₃ m ²	13/h						2	,5					
ST A34 TE1 MOCAMOE MET / HT3 MES x 2 MES x 2 MES x 2 MES x 2 MES x 3 MES x 1,5 MES x 1,5 MES x 2 MES x 1,5 M	corresponds to previous nominal size $Q_n \ m^\epsilon$	13/h						-	5,					
Automatical	Suitable for EAT		ST	A34	TE1	MOC/MOE	MET / HT3	HT2	MB2	MB3	DM1	MUK	WE1	WGU
12 12 12 12 12 12 12 12	Connection thread	0	25	M77 x 1,5	M62 x 2	M65 x 2	M64 x 2	M66 x1	M80x1,5	M76 x 1,5	M60 x 2	G2 1/4"	M78 x 1,5	M66 x 1,25
3,126 m3/h line m3/h line m3/h line m3/h	Performance data													
Cold water T30 Figure MAP Vin		13/h						3,1	125					
HAY) Vh Pack Pa	(H/V)	_						/09	100					
Mater T30 Mate	(M/H)	_						31,25	5/62,5					
Q3 I/h Cold water T30 Flow atter T30 Flow at the T30 Fl	Measuring range (MID) Q ₃ /Q ₁ (H/V)							R80,	/R40					
AMT 6°C								2.8	200					
Soure MAP		0					Colc		Hot water T30/	T90				
Mathematical Periods		ar						_	9					
March Ambient class B; temperature range 5 - 55°C Ambient class B; temperature range 6 - 55°C Ambient clas	Mechanical class							2	11					
Ovals In the control of the control	Protection rating							_	64					
Ambient class B; temperature range 5 - 55°C mm 62 60 65 35 35 51 44 45 55 35 46 46 mm mm 62 6 75 75 75 75 75 mm 66 7 7 7 7 7 7 7 kg 0,4 0,5 0,7	Inflow/outflow zone							no)	/D0					
March Gez Goz Gez Sa Sa Sa Sa Sa Sa Sa S	Ambient conditions						Ambient	class B; temp	erature range	5 - 55°C				
eight mm 62 60 65 35 65 61 65 65 65 65 65 65 66 66 1 mm 65 75 75 3 mm 71 75 3 mm 71 4 0,4 0,5 0,4 0,5 0,4 0,5 0,4 0,5 0,4 0,5	Drinking water approvals							Germany: k	<tw, td="" w270<=""><td></td><td></td><td></td><td></td><td></td></tw,>					
1 mm	Height		62	09	92	35	35	51	44	45	55	35	46	52
2 mm 65 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1	D1	m			7	5			-			22		
3 mm 71 71 71 72 6.4 0,5 0,1 0,2 0,4 0,5 0,5 0,5 0,4 0,5 0,5 0,5 0,4 0,3 0,5	D2	ш						9	55					
kg 0,4 0,5 0,1 0,2 0,4 0,5 0,5 0,4 0,5 0,4 0,5 0,4 0,5	D3	ш						2	Į.					
			7,4	0,5	0,1	0,2	0,2	0,4	0,5	0,5	0,4	0,3	0,5	0,4



Dimension drawing



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