CAST IRON MULTI-JET WATER METER

W01-WMMJ-FT-001

Product data sheet · Water meters

Multi-jet water meter for cold drinking water, from 1/2" to 2", with dry dial and magnetic drive. MID 2014/32/EU approved, nominal pressure 16 bar. Versions with pulse output or pulse-ready.



Technical data

Type	Multi-jet turbine meter, dry dial, magnetic drive
Water	Cold drinking water only
Materials	Cast iron body, brass head, mineral glass
Register	Sealed, direct roller reading, non-rotatable
Approval	MID 2014/32/EU (MI-001), modules B + D
Nominal pressure	16 bar
Temperature class	T30/T50
Sizes	1/2" to 2" (DN 15 to DN 50)

Description

Multi-jet turbine water meter, for cold drinking water only (temperature class T30/T50). The dial is dry and the drive magnetic. The sealed, non-rotatable register gives direct roller reading.

The meter is approved under the MID directive 2014/32/EU (MI-001), modules B + D, which replaces directive 2004/22/EC.

Two versions are available:

- with pulse output (codes ending in -PE);
- pulse-ready, prepared to receive a pulse output (codes ending in -PR). The pulse output for multi-jet meters is ordered under code WMPE-MJ.

In 1", the meter is also available as a short model (WMMJ-100S). In 2", it is available in a threaded version (WMMJ-200T) or with DN 50 flanges (WMMJ-200F).

Product codes

Code	DN	Inlet / outlet
With pulse output		
WMMJ-012-PE	13/15	1/2"
WMMJ-034-PE	20	3/4"
WMMJ-100-PE	25	1"
WMMJ-100S-PE	25	1"
WMMJ-114-PE	30	1" 1/4
WMMJ-112-PE	40	1" 1/2
WMMJ-200T-PE	50	2"
WMMJ-200F-PE	50	2"
Pulse-ready		

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Code	DN	Inlet / outlet
WMMJ-012-PR	13/15	1/2"
WMMJ-034-PR	20	3/4"
WMMJ-100-PR	25	1"
WMMJ-100S-PR	25	1"
WMMJ-114-PR	30	1" 1/4
WMMJ-112-PR	40	1" 1/2
WMMJ-200T-PR	50	2"
WMMJ-200F-PR	50	2"

Performance

Metrological performance

DN	Inlet / outlet	Min. flow rate (m^3/h)	Transitional flow rate (m^3/h)	Nominal flow rate (m^3/h)	Max. flow rate (m^3/h)	Minimum reading (L)	Maximum reading (m^3)
13/15	1/2"	0.0156	0.025	2.5	3.125	0.05	99,999
20	3/4"	0.025	0.04	4	5	0.05	99,999
25	1"	0.0394	0.063	6.3	7.875	0.05	99,999
30	1" 1/4	0.0625	0.1	10	12.5	0.05	99,999
40	1" 1/2	0.1	0.16	16	20	0.5	999,999
50	2"	0.1563	0.25	25	31.25	0.5	999,999

Q1 = minimum flow rate, Q2 = transitional flow rate, Q3 = permanent flow (“Nominal flow rate” column), Q4 = maximum flow rate.

Dimensions

Dimensions

DN	Inlet / outlet	L (mm)	H (mm)	Coupling length (mm)
13/15	1/2"	110 - 145 / 165 - 170	105	80
20	3/4"	160 / 190	110	100
25	1"	160 / 260	115	100
30	1" 1/4	160 / 260	115	120
40	1" 1/2	200 - 300	150	140
50	2"	300	180	160

L: meter length. H: height.

Related documents : W01-WMMJ-FT-002, D05-AQUADOS-FT-001

Product codes : WMMJ-012-PE, WMMJ-034-PE, WMMJ-100-PE, WMMJ-100S-PE, WMMJ-114-PE, WMMJ-112-PE, WMMJ-200T-PE, WMMJ-200F-PE, WMMJ-012-PR, WMMJ-034-PR, WMMJ-100-PR, WMMJ-100S-PR, WMMJ-114-PR, WMMJ-112-PR, WMMJ-200T-PR, WMMJ-200F-PR