

HOT WATER METER

20MM - 50MM



NON-WATERMARK APPROVED

HOT WATER METER WITH PULSE OUTPUT CAPABILITY

FUNCTION AND FEATURES

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| <p>■ Multi Jet Meter
Multi-jet meter technology provides resistance to debris for reliable operation.</p> | <p>■ 360° rotating dial (GSD)
Features a 360° rotation to ensure correct orientation for ease of reading.</p> |
| <p>■ Non return valve
A single check valve is included as standard with all sizes, except DN32 & DN50.</p> | <p>■ Super dry dial
Hermetically sealed reading mechanism provides reliable meter performance.</p> |
| <p>■ Optional pulse output
An electronic programmable pulse output is available for remote reading applications.</p> | <p>■ Couplings included
Meter coupling tails are included as standard with all water meters.</p> |

PRODUCT SPECIFICATIONS

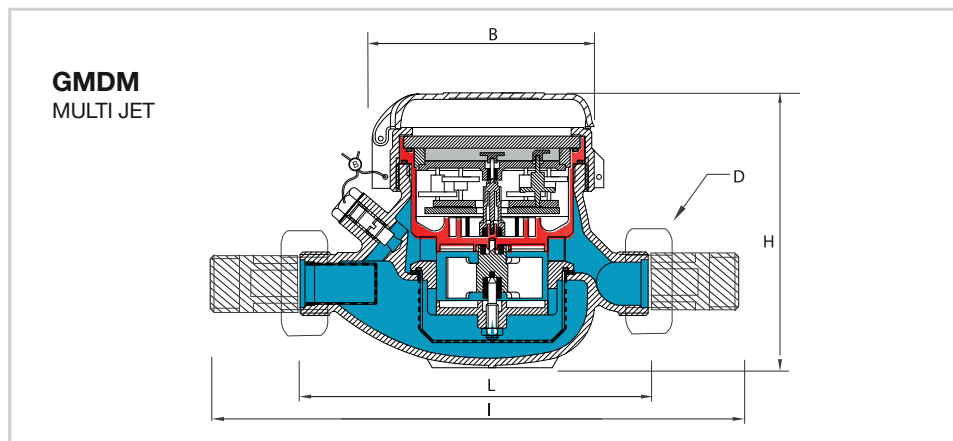
The GMDM series is a hot water multi-jet meter available from 20mm to 50mm. It features a dry dial and magnetic transmission with 360° rotating lid. An optional pulse output is available with programmable pulse weight. The GMDM is also capable of utilising an optional M-BUS wired, M-BUS wireless or LoRaWAN communication module.

The meters are supplied with meter couplings and a non-return valve as standard, except the 32 and 50mm size which does not come with a non-return valve.

The GMDM series hot water meters are WRAS and MID Approved M100, as well as ISO 4064 and OIML R49 compliant. They are not Watermark approved. For a Watermark approved hot water meter, only a 15mm and 20mm sizes are available. Please see separate GSD series brochure for details on this product.

Water meters are sensitive measuring devices and should be protected against frost, direct sunlight and should be installed in dry places. It is necessary to protect them against shocks and vibrations and that they are not subjected to hydraulic effects such as changes in pressure or water hammer.

DIAGRAM



PULSE OUTPUT DEVICE

The GMDM multi-jet meter has an optional battery operated non-magnetic pulse output module for incremental/decremental counting. It allows the acquisition of the consumption of the counter by third-party systems with a universal interface and integrating advanced counting functions and fraud detections.



SIZE	DN20	DN25	DN32	DN40	DN50
PART	GMDM-I 3/4 AC	GMDM-I 1 AC	GMDM-I 1-1/4 AC	GMDM-I 1-1/2 AC	GMDM-I 2 AC
L (mm)	190	260	260	300	300
I (mm)	288	360	380	440	460
H (mm)	111	117	117	153	172
B (mm)	100	104	104	126	160
D (in)	1"	1-1/4"	1-1/2"	2"	2-1/2"
WEIGHT	1.4 kg	2.09 kg	2.18 kg	4.38 kg	4.46 kg

METER COUPLINGS

Meter coupling connectors are supplied as standard with all sizes 20mm - 50mm. Check valves are included with 20mm, 25mm and 40mm.



SPECIFICATIONS

	DN20	DN25	DN32	DN40	DN50
OVERLOAD FLOWRATE Q4 (M3/H)	5	7.875	12.5	20	31.25
MAX CONTINUOUS FLOWRATE Q3 (M3/H)	4	6.3	10	16	25
TRANSITIONAL FLOWRATE Q2 (L/H)	64	100.8	160	256	400
MINIMUM FLOWRATE Q1 (L/H)	40	63	100	160	250
TRANSITIONAL FLOWRATE Q2 (L/H)	128	201.6	320	512	800
MINIMUM FLOWRATE Q1 (L/H)	80	126	200	320	500
TEMPERATURE RANGE (HOT)	30 - 90 °C				
MAX ADMISSIBLE PRESSURE	1600 kPa				

INSTALLATION POSITION



R=100H ↑

R=50H →

R=50V

