



SharpFlow

Mains Powered Electromagnetic Water Meter

SharpFlow is a static meter electromagnetic type available from DN25 to DN3000. The SharpFlow is designed and manufactured for the water and wastewater industry. Available in compact or remote version, the IP68 sensor can be buried or installed in flooded applications. The measurement principles of the SharpFlow assure enhanced accuracy ranges down to 0,2% of the measured value.

SharpFlow measuring tube has a smooth shape. The measuring chamber is made of PP/hard rubber liner and is resistant to corrosion, aging and abrasion. As a result, SharpFlow is compatible with drinking water and complies with all regulations for water, waste water industries.

FEATURES AND BENEFITS

- » Complies with all regulations for water, waste water industries
- » Resistant to corrosion, aging and abrasion
- » Maintenance-free
- » Bidirectional flow measurement
- » High accuracy OIML R49 certifications

Characteristics

- Drinking water approvals.
- Submerged installation (IP 68) or optional buried applications.
- Flow measurement in both directions.
- Certifications MI-001, OIML R49, ISO 4064, EN 14154).
- Factory calibration from 25 up to a diameter of DN3000.
- Easy mounting and commissioning.
- Robust coatings suitable for all water and wastewater applications.
- Verification on site.
- Further diagnostic functions.
- Maintenance-free.
- Proven and unmatched lifespan.
- Wide range of approvals for drinking water.
- No maintenance and long term reliability.

Applications

- Abstraction of water.
- Water treatment and desalination.
- Drinking water distribution networks.
- Transactional counting or billing.
- Leak detection.
- Irrigation.
- Industrial water.

V (m/s)	Flowrate in m/s and m ³ /h			
	Q1000% in m ³ /h			
	0,3	1	3	12
	Minimum Flowrate		Maximum Flowrate	
DN 25	0,53	1,77	5,3	21,21
DN 32	0,87	2,9	8,69	34,74
DN 40	1,36	4,52	13,57	54,29
DN 50	2,12	7,07	21,21	84,82
DN 65	3,58	11,95	35,84	143,35
DN 80	5,53	18,1	54,29	217,15
DN 100	8,68	28,27	84,82	339,29
DN 125	13,25	44,18	132,54	530,15
DN 150	19,09	63,62	190,85	763,4
DN 200	33,93	113,1	339,3	1357,2
DN 250	53,01	176,71	530,13	2120,52
DN 300	76,34	254,47	763,41	3053,64
DN 350	103,91	346,36	1039,98	4156,32
DN 400	135,72	452,39	1357,17	5428,68
DN 450	171,77	572,51	1717,61	6870,6
DN 500	212,06	706,86	2120,58	8482,32
DN 600	305,37	1017,9	3053,7	12214,8
DN 700	415,62	1385,4	4156,2	16624,8
DN 800	544,88	1809,6	4528,8	21715,2
DN 900	687,06	2290,2	6870,6	27482,4
DN 1000	848,22	2827,4	8482,2	33928,8
DN 1200	1221,45	3421,2	12214,5	48558



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