IN-AW

e-instru.com

Woltman Water Meter

Removable element woltman cold (hot) water meter

This type of water meter can be used for a remote reading transmission system is equipped with a built-in sensor.

Application

Measuring the volume of cold (hot) water passing through the pipeline.

Features

- Removable element structure, easy installation and maintenance, register for universal use within this range detachable without Removing the meter from the pipeline.
- Dry-dial, Magnetic drive sensitive action, small pressure loss.
- Vacuum sealed register ensures the dial keep free from fog and Keep the reading clear in a long term service.
- Selected high quality materials for steady & reliable charac teristic.
- Technical data conform to international standard ISO 4064.

Optional Features

- Plastic register, copper register and full glass register.
- Accuracy: R=50.
- Size: DN50-500mm.
- Cold / Hot water.
- Reed switch option.
- Flange standard can be choose.
- 360 degree rotate can be choose.
- Cast iron, Ductile iron, SS304,SS316 body can be choose.
- Working pressure: PN16/25.
- Color can be change on body and cover.

Working Condition

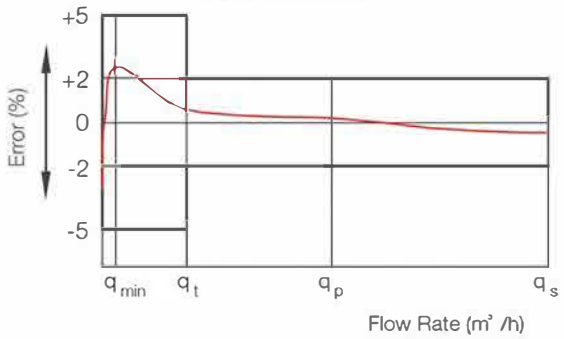
- Water temperature: 0.1℃ ~40℃ (0.1℃ ~90℃ for hot water meter).
- Water pressure: PN10/16/25.

Maximum Permissible Error

Class 2

- In the lower zone from qmin inclusive up to but excluding qt is ±5%.
- In the upper zone from qt inclusive up to and including qs is ±2% (±3% for hot water meter).

Flow Error Curve



Common Plastic Register

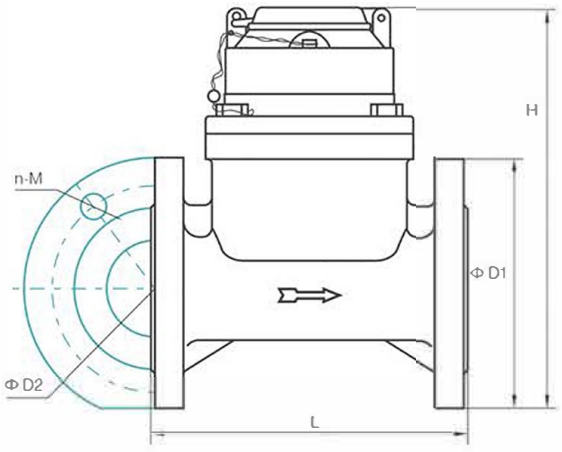
Copper Register

Full Glass Register

Automat Medición

Dr Rafael Bielsa 175 - CP C1427AZA)
Tel 011-4555-0055
http://www.automat.com.ar

Dimensions



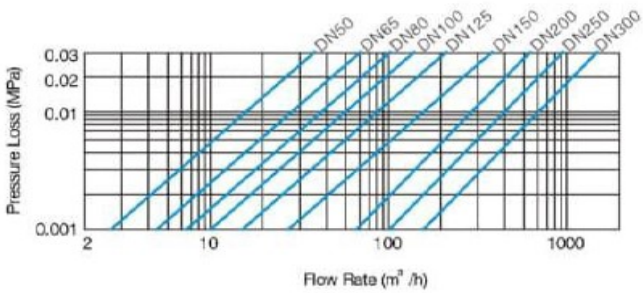
Type	Size	L Length	H Height	Connecting Flange		
	mm			ΦD1 Outside Diameter	ΦD2 Bolt Circle Diameter	Connecting Bolts (n-M)
AW-50	50	200	205	165	125	4-M16
AW-65	65	200	218	185	145	4-M16
AW-80	80	225	280	200	160	8-M16
AW-100	100	250	290	220	180	8-M16
AW-125	125	250	299	250	210	8-M16
AW-150	150	300	320	285	240	8-M20
AW-200	200	350	365	340	295	8-M20(1.0DE)
						12-M20(1.6MPa)
AW-250	250	450	434	395(1.0MPa)	350(1.0MPa)	12-M20(1.0MPa)
				405(1.6MPa)	355(1.6MPa)	12-M24(1.6MPa)
AW-300	300	500	459	445(1.0MPa)	400(1.0MPa)	12-M20(1.0MPa)
				460(1.6MPa)	410(1.6MPa)	12-M24(1.6MPa)

NOTE: The flange dimension conforms to ISO7005-2:1988 standard. Order for products of special requirements is also accepted.

Pulse Position

Size	Pulse Position
DN50-65	10/100/1000L/Pulse
DN80-200	100/1000L/Pulse
DN250-300	1000L/Pulse

Pressure Loss Curve



Exploded View

Automat Medición
Dr Rafael Bielsa 175 - CP C1427AZA)
Tel 011-4555-0055
http://www.automat.com.ar

Flow Technique Specification

Nominal Flow	Maximum Flow Q_4	Permanent Flow Q_3	Q_3/Q_1	Q_2/Q_1	Transitional Flow Q_2	Minimum Flow Q_1	Minimum Reading	Maximum Reading
DN	m^3/h				m^3/h		m^3	
50	31.25	25	80	1.6	0.8	0.5	0.001	999,999
65	50	40	80	1.6	1.4	0.8	0.001	999,999
80	78.75	63	80	1.6	2	1.25	0.001	999,999
100	125	100	80	1.6	3.2	2	0.001	999,999
125	200	160	80	1.6	4	3.2	0.001	9,999,999
150	312	250	80	1.6	8	5	0.001	9,999,999
200	500	400	80	1.6	12.6	7,88	0.001	9,999,999
250	785	630	80	1.6	20.16	12.6	0.02	9,999,999
300	1250	1000	80	1.6	32	20	0.02	9,999,999