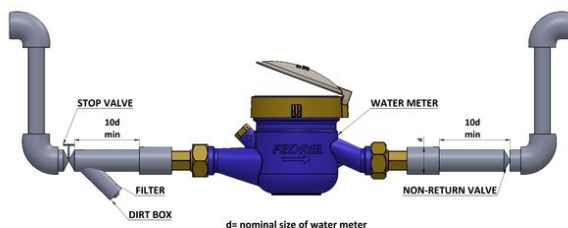


BAR METER "MULTI-JET"

Water Meters (PN10)

Model Bar Meter Multi-jet water meters

The BarMeter MT-KD-P Multi-Jet Water Meter was designed to measure potable water. Working principle: while water passes through the water meter, several water jets make the impeller rotate. The impeller's rotations are proportional to quantity of water passing through and magnetically transmitted to the register, in which the reading of the water meter takes place. Its solid and sturdy construction makes the BarMeter MT-KD-P Multi-Jet Water Meter suitable for various applications. The BarMeter MT-KD-P Multi-Jet Water Meter ensures high sensitivity and accurate registration throughout a wide flow range.

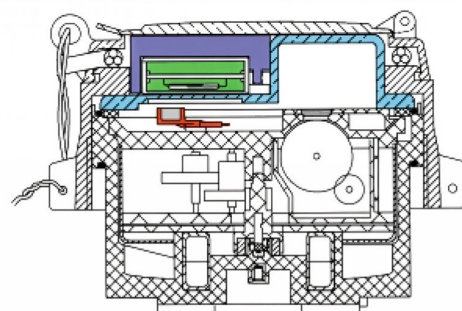


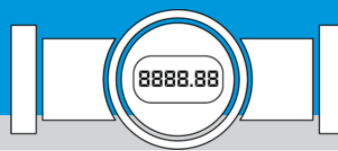
Features & Benefits

- Hermetically vacuum-sealed register
- Magnetic transmission
- Magnetic shield, for external magnetic field protection
- High-flow accuracy and steady curve characteristics
- High scratch resistant glass
- Internal strainer
- Minimum friction wear due to negligible impeller weight, bearing flushing and hard metals
- External calibration
- Rotating star for flow indication, electronic calibration on the test bench and leak detection

Operation:

- Reed Switch
- Magnetic Dial
- Magnet
- Transparent Cover
- Reed Switch Seat

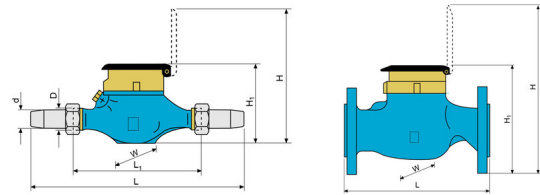




Technical Data

Pressure Rating: 145 psi
Operating Temperature: Water up to 122°F

Technical Specifications

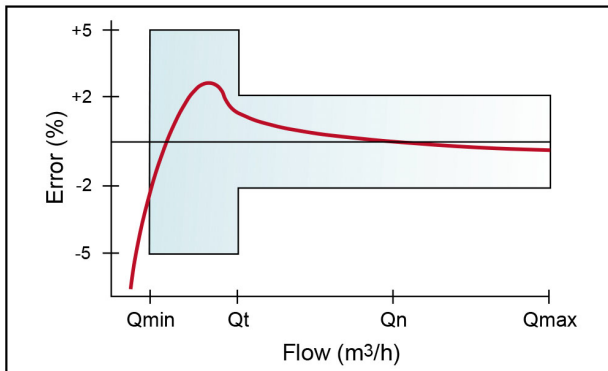


Size (DN)	Pattern	End Connection	Weight (Lb)	L (In)	H (In)	H1 (In)	W
0.5" ; DN12	Straight flow	Threaded	3.09	10.2	7.87	4.53	3.86
0.75" ; DN20	Straight flow	Threaded	3.31	11.18	7.87	4.53	3.86
1" ; DN25	Straight flow	Threaded	3.97	12.05	7.87	4.53	4.06
1.25" ; DN32	Straight flow	Threaded	6.17	14.8	8.86	5.04	4.06
1.5" ; DN40	Straight flow	Threaded	9.92	17.13	10.24	5.35	4.96
2" ; DN50	Straight flow	Threaded	14.33	19.84	11.42	6.34	5.12
2" ; DN50	Straight flow	Flanged	28.66	11.02	10.63	7.09	6.5

Flow Properties

Size (DN)	DN12	DN20	DN25	DN32	DN40	DN50
Q @ (gpm)	½"	¾"	1"	1¼"	1½"	2"
Q1 Minimum Flow	0.13	0.22	0.31	0.53	0.88	1.98
Q2 Transitional Flow	0.53	0.88	1.23	2.11	3.52	13.21
Q3 Permanent Flow	6.6	11.01	15.41	26.42	44.03	66.04
Q4 Maximum Flow (Short Time)	13.21	22.01	30.82	52.83	88.06	132.09

Accuracy Curve



Flow Chart

