

Battery Operated WI Smart Water Meter With GSM/GPRS and Wireless Contactor

Wireless Contactor

GSM/GPRS



Specifications

Diameter (mm)		40	50	80	100	125	150	200	250
R=Q3/Q1	Planned Ratio	25							
Q1	Minimum flow rate (m3/h)	0.64	1	2.52	4	6.4	10	16	25
Q2	Transitional flow Rate (m3/h)	1.02	1.6	4.03	6.4	10.24	16	25.6	40
Q3	Nominal Flow Rate (m3/h)	16	25	63	100	160	250	400	640
Q4	Maximum Flow Rate (m3/h)	20	31	78	125	200	312	500	800
Min. Scale L		8	12	24	32	45	50	64	90
Permissible Error		The maximum permissible error for the lower flowrate zone ($Q1 \leq Q < Q2$) is $\pm 5\%$. The maximum permissible error for the upper flowrate zone ($Q2 \leq Q \leq Q4$) is $\pm 2\%$, for temperatures from 0.1°C to 30°C and $\pm 3\%$ for temperatures greater than 30°C .							
Protection Class		IP67							
Operating condition		Working Pressure: 10 Bar							
		Water temperature: $0.1 \sim 30^\circ\text{C}$ (T30)							
		Ambiant Temperature: $0 \sim 50^\circ\text{C}$							
		Ambiant Humidity: $0 \sim 100\text{RH}$ at 40°C Ambiant temperature							
Display		Liquid Crystal 7 digit display with scrolling capability							
Display information		SN, Total, Flow, Remained Credit, Date and Time (persian)							
Power		Internal Lithium Battery(separate battery for measuring and GSM)							
Battery life		5 years							
Output		433Mhz Wireless Relay Contactor (10 A)							
Wireless Contactor Range		100 m							
Data transmission		GSM / GPRS							
Power consumption		0.0001 watt							
Material		Ductile Iron							