

Ultrasonic Gas Metering Solution

Ultrasonic Water Meter

Key Features

- Ultrasonic flow measurement without mechanical components
- High stability and accuracy in long term measurement
- Long battery lifetime up to 20 years
- Communication Protocol: LoRaWAN and WMBus dual mode or NB-IoT
- Protection Level up to IP68
- NFC

Technical Parameters

Parameters	Value	
Model	DN15	Dn20
Material	Composite material	
Range ratio	R400/R500/R630/R800	R400/R500/R630/R800
Q3(m³/h)	2.5	4
Starting Flow(m³/h)	0.001	0.001
Length(mm)	110	130
Sensitivity Level	U0D0	
Temperature Level	T30/T50/T70	
Accuracy Level	Class 2	
Protection Level	IP68	
Mechanical Level	M1	
Electromagnetic Level	E2	
Maximum Pressure	1.6MPa	
Pressure Loss	25 KPa	
Battery Life	≥20 years	
Installation Method	H, V, H/V	
Communication Method	•NB-IOT •LoRWAN and Wmbus dual mode	
Special Features	•Pressure sensor (optional) •SMA connection for external antenna(optional)	



Parameters	Value					
Model	DN15	DN20	DN25	DN32	DN40	DN50
Material	Brass					
Range ratio	R400/R500					
Q3(m³/h)	2.5	4	6.3	10	16	25
Starting Flow(m³/h)	0.001	0.002	0.004	0.005	0.01	0.016
Length(mm)	110/165	130/190	260	260	300	300
Sensitivity Level	U0D0					
Temperature Level	T30/T50					
Accuracy Level	Class 2					
Protection Level	IP68					
Mechanical Level	M1					
Electromagnetic Level	E2					
Maximum Pressure	1.6MPa					
Pressure Loss	40 KPa					
Battery Life	lasting up to 20 years					
Installation Method	H, V, H/V					
Communication Method	•NB-IOT •LoRaWAN and WMBus dual mode					
Special Features	•Pressure sensor (optional) •SMA connection for external antenna(optional) •Shut-off valve(optional)					

