

Make It Easy







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JOYS663 Ultrasonic Water Meter



DESCRIPTION

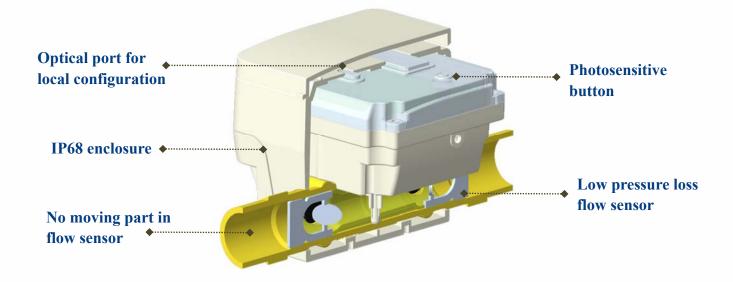
JOYS663 is an ultrasonic water meter that combines Joy's decade's experience in ultrasonic metering research and development. By updating the button from rubber to photosensitive type, the button life is extended as long as the meter life and the meter water protection is pretty reliable as IP68. In addition, the improved special compact design also makes more battery types are now available to choose. It does completely assure the quality of meter working life for different fields.

By developing a bunch of communication ports for the coming IoT age, M-Bus, LoRa and NB-IoT are ready for using in different aims such as data collecting and labor cost down.

FEATURES

- High measuring accuracy, R160/R250
- ► Low starting flow in 3L/h
- Updated data storage
- Easy installation, Horizontal or vertical
- Fully water-proof IP68
- Automatic events recording and reporting

- ► Reverse counting
- Leakage detection
- ► Temperature detection
- ► Anti-freezing
- ► Real-time anomaly monitoring
- ► Anti-magnetic protection and records



TECHNICAL SPECIFICATIONS

Item		Parameter			
Diameter, mm		DN15		DN20	
R(Q3/Q1)		R160	R250	R160	R250
Q3, m ³ /h		2.5	2.5	4	4
Q4, m ³ /h		3.125	3.125	5	5
Q1, m ³ /h		0.016	0.010	0.025	0.016
Connection		G ³ / ₄ B G1B			
Length, mm		165 190			
Width, mm		94			
Height, mm		86			
Connection		Threaded joint			
Temp. Class		T30,T50			
Class of Pressure Loss, kPa		ΔΡ63			
Sensitivity to Irregularity		U10/D 5			
Max. Working Pressure, MPa		1.6			
Accuracy		Class 2			
Environmental Classification		В			
Electromagnetic Environment		E1			
Start Flow Rate		3L/h (R250)/5 L/h(R160)			
Installation Direction		Horizontal or Vertical			
Installation Environment		Indoor			
Date Storage		36 months historical records			
LCD		8-digit			
LCD Resolution		0.001 m^3			
Power Supply		DC 3.6V, battery			
Meter Life		6/10 years lifetime			
Communication Interface		IrDA, Pulse output, M-Bus, LoRa, NB-IoT			
Protection		IP65 / IP68			
Ambient Temp.		5~55 ℃			
Storage Temp.		-20~60 °C			
Standard Compliance	Meter Standard	EN14154, OIML R49			
	Communicatio n Standard	EN13757, CJ/T 188			