

METERING AND MEASUREMENT SYSTEMS

Ultrasonic Water Meters

PRODUCT OVERVIEW

ATLAS USM series ultrasonic water meters measure water consumption. They can be used in remote meter-reading projects with M-Bus, pulse and LoRa/LoRaWAN options.



TECHNICAL SPECIFICATIONS

Product description	High-accuracy ultrasonic water meter for hot- and cold-water lines
Certification	MID 2014/32/EU MI004, EN14154, OIML R49, TS ISO 4064
Measurement technology	Ultrasonic (contains no moving parts), does not measure air, unaffected by magnetic fields
Accuracy class	Class 2
Body material	Brass, cast iron
Protection rating	IP68 or IP54 (optional)
Temperature class	T50 (0.1°C - 50°C)
Pressure class	PN16 (maximum allowable pressure - MAP: 16 bar)
Display	Easy-to-read 8-digit LCD display (rotatable through 180° on some models)
Optional communication	LoRa/LoRaWAN, RF, GSM-GPRS, Modbus/Modbus RTU, pulse, 4-20mA
Data logging	Stores and displays consumption information for the last 12 months

Technical values summarise the product family. Options, dimensions and operating limits must be confirmed for the selected model.