

TagMeter®
Systems



TMU20

20mm (3/4")
ultrasonic
non-moving part
consumer water meter

The TagMeter® TMU series is a unique range of ultrasonic water meters without moving parts and a full bore flow tube. They are ideal for use where mechanical meters traditionally fail due to air or grit in the water or high ambient and liquid temperature conditions. Non-measurement of air improves customer billing reliability.



GENERAL SPECIFICATIONS

Principle of Operation
Battery life
Display
Enclosure rating
Interfaces

Materials

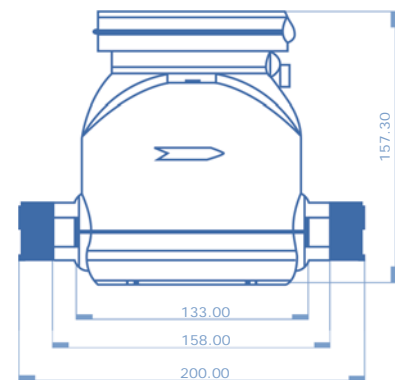
Reverse Flow
Strainers/non-return valve

Ultrasonic transit time using inline flow cell
10 years at least
9 digit LCD
IP68 to BS EN 60529:1992
Pulse Output
Inductive communication port (PAD)
Serial interface for AMR
Wetted parts: EMS Grivory HTV-4X1 black 9225 (WRAS listed)
Other parts: Polycarbonate
Indicated but not accumulated
Not required to protect meter

METER SPECIFICATIONS

Nominal bore DN
Normal flow rate (ISO4064) Qn
Meter connection thread
Meter length
Weight
ISO4064 Class C performance
Maximum flow rate Qmax
Minimum flow rate Qmin
Transitional flow rate
OIML R49 performance
Q3
Q3/Q1
Maximum ambient temperature
Maximum liquid temperature
Pressure rating
Head loss at Qmax, Q4

20 mm
2.5 m³/h
3/4"
200 mm
0.6 kg
5.0 m³/h
25.0 l/h
37.5 l/h
4.0 m³/h
160
85°C
85°C
PN10/16
<0.05 MPa



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