

# USM

# ULTRASONIC WATER METER

# 50

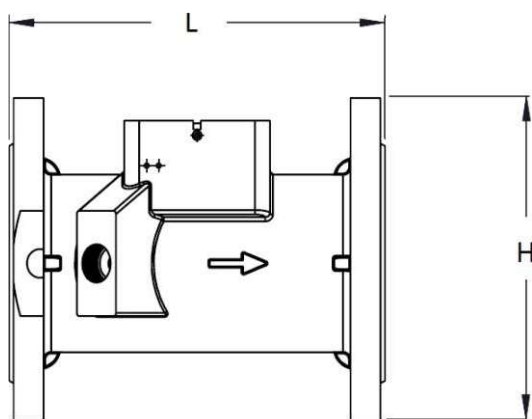


## PACKAGE INCLUSINGS

### Standard

- USM 50 Ultrasonic Water Meter (1 pcs)
- User Manual and Installation Guide.

(Technical Drawing)



<b>DN(D)</b>	<b>50</b>
Length (L)	200 mm
Flange Diameter /Hole Center	165 mm / 125 mm
Bolt Quantity	4 Pcs
Bolt Size	16 Metric

## PRODUCT FEATURES

- USM 50 is Produced according to MID ( Measurement Instrument Directive)
- There is no moving mechanism or component
- The battery life is up to 10 years with the low energy consumption
- USM 50 does not measure the air
- Can measure at the low flow rates.
- The pressure loss is very low.
- Can be installed vertically or horizontally.
- Can not be affected from the small particles in the water
- It is easy to use with its LCD screen
- It has statistical storage to get data query of the past consumptions
- M-Bus, Pulse and RF interfaces are available.

## TECHNICAL FEATURE

### Ultrasonic Flow Meter:

- Accurate measurement at low flow rates
- Flow metering range:
  - ( Q1): 0,1 m³/h
  - ( Q2): 0,16 m³/h
  - ( Q3): 40 m³/h
  - ( Q4): 50 m³/h

### Metrological Options

- Produced according to the standards of TS EN 14154
- Produced according to 2014/32/EU MID
- The accuracy class is 2
- Protection class is IP65
- Maximum pressure can be applied to (MAP) is 16 bar.

### Communication Interfaces:

- There are M-Bus and optical interfaces on the Standard package
- Pulse and RF interfaces can be added for optional packages.

