



SV-RTK (E4)

Volumetric water meters

For potable water up to 50 °C

Accuracy in any mounting position



The volumetric water meter SV-RTK (E4) complies with the European Directives 2004/22/EC and 2009/137/CE, positioning itself in the most demanding levels of accuracy of the European Standard EN 14154:2005 + A1: 2007 and is particularly recommended for counting of domestic water consumption

DN 15 mm to DN 30 mm

R200

(optionally R250 - R315 - R400)

Remote reading

Pre-equipped for remote reading

Pre-equipped for pulse output

1 L/imp

(Reed or Inductive)



Main characteristics

All components are manufactured with high strength and quality materials, engineering plastics and stainless steel, considering the high demands for parts in contact with water

The totalizer is roll and pointers type, holding also an optical reference. It is orientable 360° for easy reading in any mounting position

The design of the magnetic coupling reduces the number of mechanical components operating immersed in water, increasing the reliability of the water meter, providing effective protection against external influences and allowing an excellent performance in abrupt starts

The precision of manufacture of the volumetric chamber ensures an ideal compromise between sensitivity and longevity

The body is made of brass. The composition of the alloy gives the material a high resistance to corrosion

The particles protection is ensured by two filters, a first filter installed in the entrance of the meter and a second filter installed in the admission of the volumetric chamber



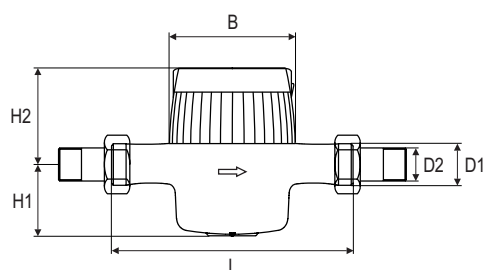
Metrological data

Model		SV-RTK (E4)	
Nominal diameter	DN	mm	20
Nominal flowrate	Q_3	m ³ /h	2,5
Maximum flowrate	Q_4	m ³ /h	3,125
Transition flowrate	Q_2	L/h	20
Minimum flowrate	Q_1	L/h	12,5
Starting flow	-	L/h	< 1,5
Ratio Q_3/Q_1	-	-	R200 ⁽¹⁾
Ratio Q_2/Q_1	-	-	1,6
U / D	-	mm	0 / 0
Mounting	-	-	any position
Reading	max.	m ³	99.999
	min.	L	0,02
Pressure	MAP	bar	16

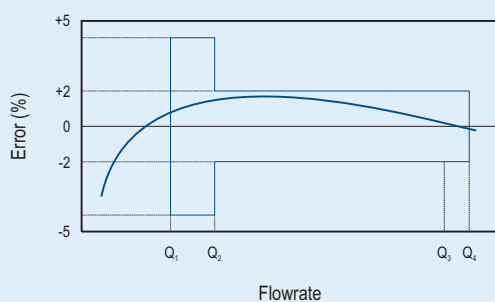
⁽¹⁾ optionally R250 - R315 - R400

Dimensions and weight

Model		SV-RTK (E4)	
Nominal diameter	DN	mm	20
Dimensions	D1	-	1"
	D2	-	3/4"
	L	mm	165
	H1	mm	40
	H2	mm	70
	B	mm	80
Approximate weight	-	kg	1,2



Typical accuracy curve



Head loss curve

