

SSM-AQUO

Ultrasonic

Water meters



CATALOGUE

SSM15

- R=400* (brass), R=800 (composite), (*) on request up to R500
- IP 68 protection degree
- Integrated radio transmission M-Bus wireless (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network), NB-IoT
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold, fraud attempt, meter installed in wrong direction, flow over maximum detected, frost alarm
- Suitable for potable water
- Battery lifetime over 13 years
- Operating temperature -25 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



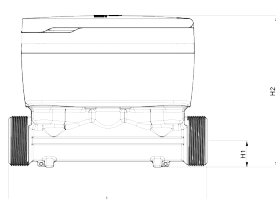
- Integrated water and ambient temperature measurement
- NFC local transmission (ISO 16693) and/or optical port (EN 62056-21)
- Powerful Datalogger with archive of hourly [72 records], daily [60 records], monthly [15 records], yearly [18 records] values

Displayed values

accumulated volume	firmware version	flow rate errors	high resolution volume	due date
due date volume	reverse volume	flow direction	frost alarm	low battery indication
radio signal ON/OFF	leakage indication	empty pipe	display test	max temperature record
radio information	instant flow rate			

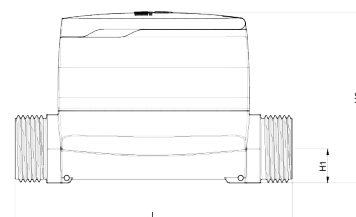
*Configurable menu sequence

Model name	SSM15			
Nominal Diameter	mm	DN15		
Material		Brass	Composite	
Permanent Flow Rate [Q3]	m ³ /h	2.5	1.6	2.5
Ratio [Q3\Q1]	R	400	400	800
Max Flow rate [Q4]	m ³ /h	3.125	2	3.125
Transitional flow rate [Q2]	l/h	10	6.4	5
Minimum flow rate [Q1]	l/h	6.25	4	3.125
Starting Flow rate	l/h	1	1	1
Temperature class	°C	T50	T50	T50
Pressure drop class	bar	0.63	0.4	0.4



Brass version

Dimensions			Brass	Composite
Meter Length	L	mm	110 and 115	110
Axis Height	H1	mm	16	16
Total Height	H2	mm	86	70
Width	W	mm	84	84



Composite version

SSM20

- R=400* (brass), R=800 (composite),
(* on request up to R500)
- IP 68 protection degree
- Integrated radio transmission M-Bus wireless (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network), NB-IoT
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold, fraud attempt, meter installed in wrong direction, flow over maximum detected, frost alarm
- Suitable for potable water
- Battery lifetime over 13 years
- Operating temperature -25 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



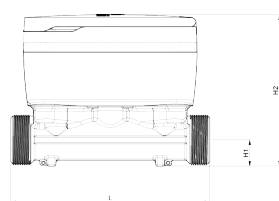
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Displayed values

accumulated volume	firmware version	flow rate errors	high resolution volume	due date
due date volume	reverse volume	flow direction	frost alarm	low battery indication
radio signal ON/OFF	leakage indication	empty pipe	display test	max temperature record
radio information	instant flow rate			

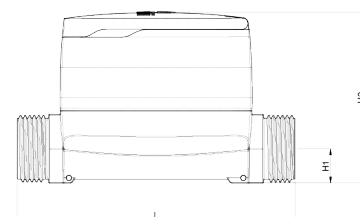
*Configurable menu sequence

Model name	SSM20			
Nominal Diameter	mm	DN20		
Material		Brass	Composite	
Permanent Flow Rate [Q3]	m ³ /h	4	2.5	4
Ratio [Q3\Q1]	R	400	400	800
Max Flow rate [Q4]	m ³ /h	5	3.125	5
Transitional flow rate [Q2]	l/h	16	10	8
Minimum flow rate [Q1]	l/h	10	6.25	5
Starting Flow rate	l/h	1	1	1
Temperature class	° C	T50	T50	T50
Pressure drop class	bar	0.63	0.4	0.4



Brass version

Dimensions			Brass	Composite
Meter Length	L	mm	130/190	130
Axis Height	H1	mm	19	19
Total Height	H2	mm	91	76
Width	W	mm	84	84



Composite version

SSM25

- R=400* (brass), R=800 (composite),
(*) on request up to R500
- IP 68 protection degree
- Integrated radio transmission M-Bus wireless (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network), NB-IoT
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold, fraud attempt, meter installed in wrong direction, flow over maximum detected, frost alarm
- Suitable for potable water
- Battery lifetime over 13 years
- Operating temperature -25 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



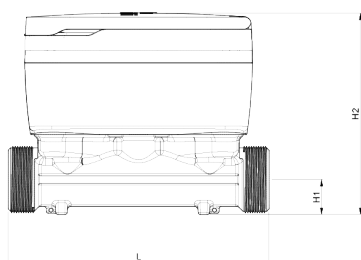
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Displayed values

accumulated volume	firmware version	flow rate errors	high resolution volume	due date
due date volume	reverse volume	flow direction	frost alarm	low battery indication
radio signal ON/OFF	leakage indication	empty pipe	display test	max temperature record
radio information	instant flow rate			

*Configurable menu sequence

Model name	SSM25	
Nominal Diameter	mm	DN25
Material		Brass
Permanent Flow Rate [Q3]	m ³ /h	6.3
Ratio [Q3\Q1]	R	400
Max Flow rate [Q4]	m ³ /h	7.875
Transitional flow rate [Q2]	l/h	25.2
Minimum flow rate [Q1]	l/h	15.75
Starting Flow rate	l/h	2
Temperature class	°C	T50
Pressure drop class	bar	0.4



Dimensions			
Meter Length	L	mm	260
Axis Height	H1	mm	24
Total Height	H2	mm	99
Width	W	mm	84

SSM32

- R=400* (brass), R=800 (composite),
(* on request up to R500)
- IP 68 protection degree
- Integrated radio transmission M-Bus wireless (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network), NB-IoT
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold, fraud attempt, meter installed in wrong direction, flow over maximum detected, frost alarm
- Suitable for potable water
- Battery lifetime over 13 years
- Operating temperature -25 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



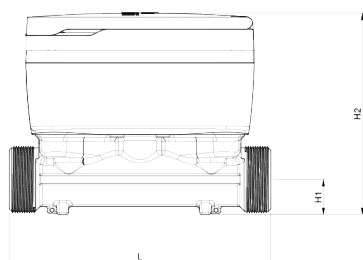
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- Powerful Datalogger with archive of hourly [72 records], daily [60 records], monthly [15 records], yearly [18 records] values

Displayed values

accumulated volume	firmware version	flow rate errors	high resolution volume	due date
due date volume	reverse volume	flow direction	frost alarm	low battery indication
radio signal ON/OFF	leakage indication	empty pipe	display test	max temperature record
radio information	instant flow rate			

*Configurable menu sequence

Model name	SSM32	
Nominal Diameter	mm	DN32
Material		Brass
Permanent Flow Rate [Q3]	m ³ /h	10
Ratio [Q3\Q1]	R	400
Max Flow rate [Q4]	m ³ /h	12.5
Transitional flow rate [Q2]	l/h	40
Minimum flow rate [Q1]	l/h	25
Starting Flow rate	l/h	3
Temperature class	°C	T50
Pressure drop class	bar	0.4



Dimensions

Meter Length	L	mm	260
Axis Height	H1	mm	27
Total Height	H2	mm	104
Width	W	mm	84

SSM40

- R=400* (brass), R=800 (composite),
(*) on request up to R500
- IP 68 protection degree
- Integrated radio transmission M-Bus wireless (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network), NB-IoT
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold, fraud attempt, meter installed in wrong direction, flow over maximum detected, frost alarm
- Suitable for potable water
- Battery lifetime over 13 years
- Operating temperature -25 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



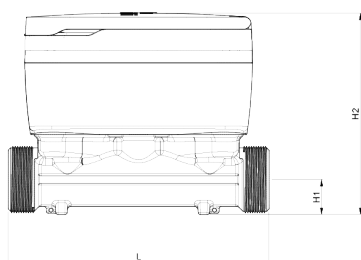
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due date volume	reverse volume	flow direction	frost alarm	low battery indication
radio signal ON/OFF	leakage indication	empty pipe	display test	max temperature record
radio information	instant flow rate			

*Configurable menu sequence

Model name	SSM40	
Nominal Diameter	mm	DN40
Material		Brass
Permanent Flow Rate [Q3]	m ³ /h	16
Ratio [Q3\Q1]	R	400
Max Flow rate [Q4]	m ³ /h	20
Transitional flow rate [Q2]	l/h	64
Minimum flow rate [Q1]	l/h	40
Starting Flow rate	l/h	5
Temperature class	°C	T50
Pressure drop class	bar	0.63



Dimensions			
Meter Length	L	mm	300
Axis Height	H1	mm	33
Total Height	H2	mm	113
Width	W	mm	84



Pietro Fiorentini

CT0067



The data are not binding. We reserve the right
to make changes without prior notice.

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