

# **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



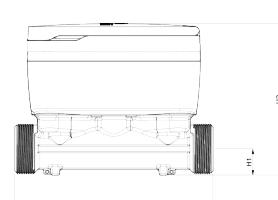
- Integrated water and ambient temperature measurement
- NFC local transmission (ISO 16693) and/or optical port (EN 62056-21)
- Powerful Datalogger with archive of hourly [72 records], daily [60 records], monthly [15 records], yearly [18 records] values

## 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			

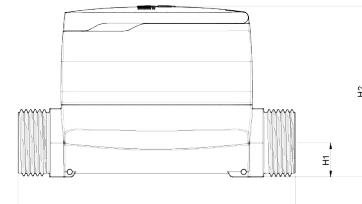
\*Configurable menu sequence

Model name	SSM15			
Nominal Diameter	mm		DN15	
Material		Brass		Composite
Permanent Flow Rate [Q3]	m³/h	2.5	1.6	2.5
Ratio [Q3/Q1]	R	400	400	800
Max Flow rate [Q4]	m³/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	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



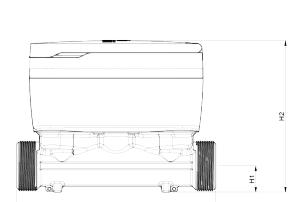
- Integrated water and ambient temperature measurement
- NFC local transmission (ISO 16693) and/or optical port (EN 62056-21)
- Powerful Datalogger with archive of hourly [72 records], daily [60 records], monthly [15 records], yearly [18 records] values

## 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			

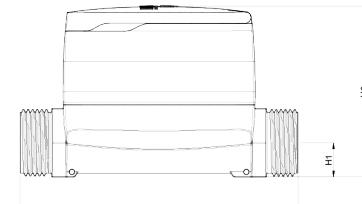
\*Configurable menu sequence

Model name	SSM20			
Nominal Diameter	mm	DN20		
Material	Brass			Composite
Permanent Flow Rate [Q3]	m³/h	4	2.5	4
Ratio [Q3/Q1]	R	400	400	800
Max Flow rate [Q4]	m³/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



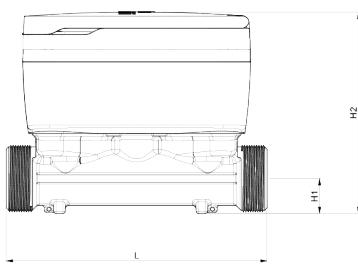
- Integrated water and ambient temperature measurement
- NFC local transmission (ISO 16693) and/or optical port (EN 62056-21)
- Powerful Datalogger with archive of hourly [72 records], daily [60 records], monthly [15 records], yearly [18 records] values

## 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	SSM25	
Nominal Diameter	mm	DN25
Material		Brass
Permanent Flow Rate [Q3]	m³\h	6.3
Ratio [Q3\Q1]	R	400
Max Flow rate [Q4]	m³\h	7.875
Transitional flow rate [Q2]	\h	25.2
Minimum flow rate [Q1]	\h	15.75
Starting Flow rate	\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



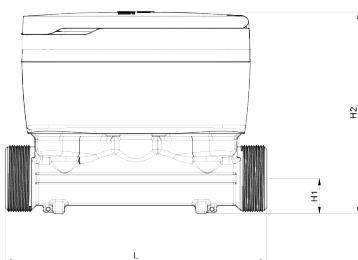
- Integrated water and ambient temperature measurement
- NFC local transmission (ISO 16693) and/or optical port (EN 62056-21)
- Powerful Datalogger with archive of hourly [72 records], daily [60 records], monthly [15 records], yearly [18 records] values

## 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	SSM32	
Nominal Diameter	mm	DN32
Material		Brass
Permanent Flow Rate [Q3]	m³\h	10
Ratio [Q3\Q1]	R	400
Max Flow rate [Q4]	m³\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



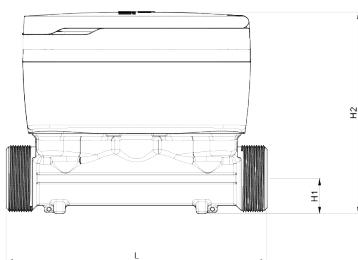
- Integrated water and ambient temperature measurement
- NFC local transmission (ISO 16693) and/or optical port (EN 62056-21)
- Powerful Datalogger with archive of hourly [72 records], daily [60 records], monthly [15 records], yearly [18 records] values

## 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

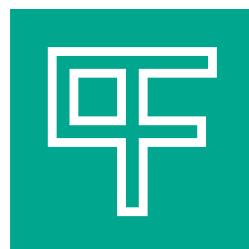
Model name	SSM40	
Nominal Diameter	mm	DN40
Material		Brass
Permanent Flow Rate [Q3]	m³\h	16
Ratio [Q3\Q1]	R	400
Max Flow rate [Q4]	m³\h	20
Transitional flow rate [Q2]	\h	64
Minimum flow rate [Q1]	\h	40
Starting Flow rate	\h	5
Temperature class	°C	T50
Pressure drop class	bar	0.63



### Dimensions

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





**Pietro  
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**CT0067**



The data are not binding. We reserve the right  
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