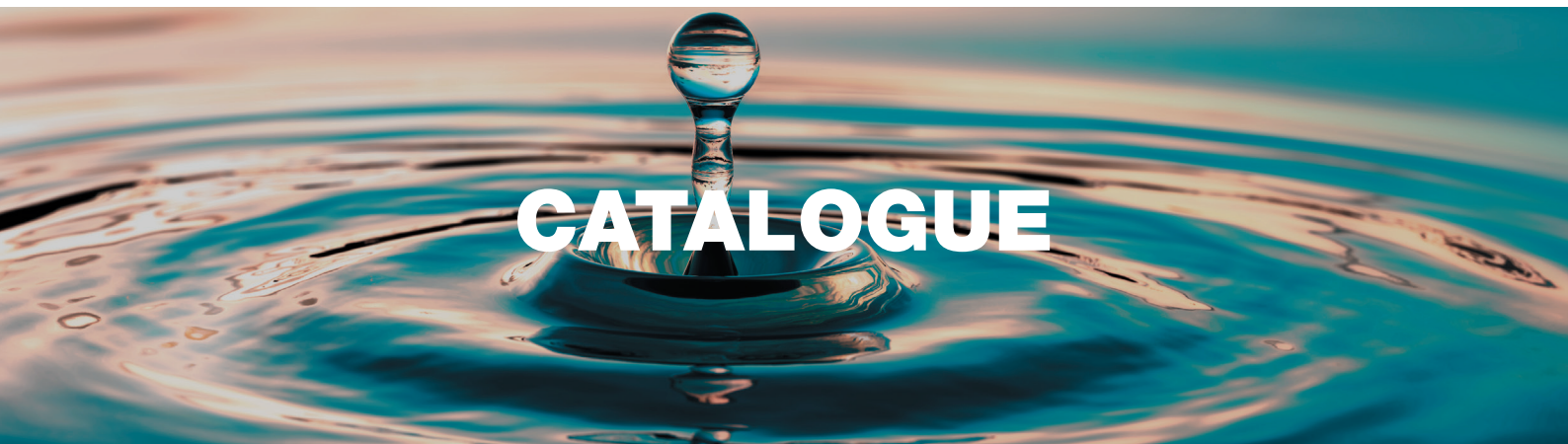


AQUO

Water meters



CATALOGUE

Index

AQUO Smart	_____	Page 3
AQUO Single jet dry	_____	Page 9
AQUO Multi jet dry	_____	Page 12
AQUO Multi jet semi dry	_____	Page 20
AQUO Volumetric	_____	Page 28

AQUO

Smart



SSM15

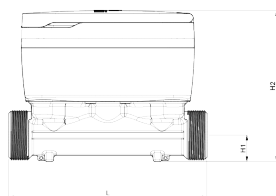
- R=400 (Brass), R=800 (composite)
- IP 68 protection degree
- Wireless M-Bus (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network) and NB-IoT integrated radio transmission
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold
- Potable water approved
- Battery lifetime over 13 years
- Operating temperature -10 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



Displayed values

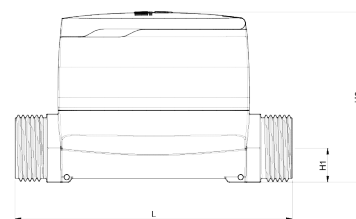
accumulated volume	firmware version	flow rate errors	high resolution volume	due date x2
due date volume x2	reverse volume	flow direction	display test	low battery indication
radio signal ON/OFF	leakage indication	empty pipe	freezing alert	max temperature record

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)
- IP 68 protection degree
- Wireless M-Bus (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network) and NB-IoT integrated radio transmission
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold
- Potable water approved
- Battery lifetime over 13 years
- Operating temperature -10 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



Displayed values

accumulated volume

firmware version

flow rate errors

high resolution volume

due date x2

due date volume x2

reverse volume

flow direction

display test

low battery indication

empty pipe

radio signal ON/OFF

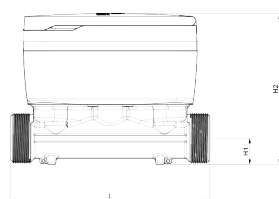
leakage indication

empty pipe

freezing alert

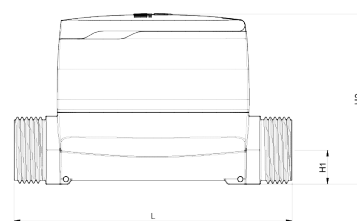
max temperature record

Model name	SSM20		
Nominal Diameter	mm	DN20	
Material		Brass	Composite
Permanent Flow Rate [Q3]	m ³ /h	4	2,5
Ratio [Q3\Q1]	R	400	400
Max Flow rate [Q4]	m ³ /h	5	3,125
Transitional flow rate [Q2]	l/h	16	10
Minimum flow rate [Q1]	l/h	10	6,25
Starting Flow rate	l/h	1	1
Temperature class	° C	T50	T50
Pressure drop class	bar	0,63	0,4



Brass version

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



Composite version

SSM25

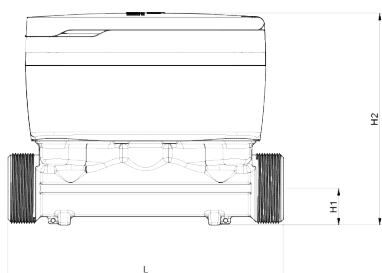
- R=400
- IP 68 protection degree
- Wireless M-Bus (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network) and NB-IoT integrated radio transmission
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold
- Potable water approved
- Battery lifetime over 13 years
- Operating temperature -10 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



Displayed values

accumulated volume	firmware version	flow rate errors	high resolution volume	due date x2
due date volume x2	reverse volume	flow direction	display test	low battery indication
radio signal ON/OFF	leakage indication	empty pipe	freezing alert	max temperature record

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]	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

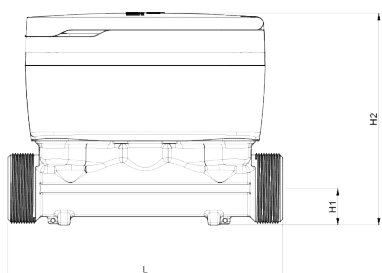
- R=400
- IP 68 protection degree
- Wireless M-Bus (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network) and NB-IoT integrated radio transmission
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold
- Potable water approved
- Battery lifetime over 13 years
- Operating temperature -10 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



Displayed values

accumulated volume	firmware version	flow rate errors	high resolution volume	due date x2	
due date volume x2	reverse volume	flow direction	display test	low battery indication	empty pipe
radio signal ON/OFF	leakage indication	empty pipe	freezing alert	max temperature record	

Model name	SSM32	
Nominal Diameter	mm	DN25
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	5
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

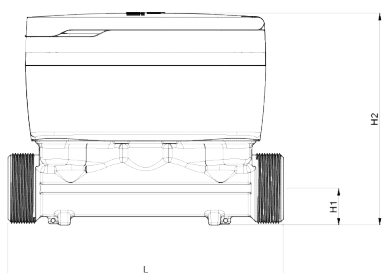
- R=400
- IP 68 protection degree
- Wireless M-Bus (walk-by, drive-by reading mode), LORAWAN (LPWAN fixed network) and NB-IoT integrated radio transmission
- Alarm detection: leakage, burst (tube brokage), empty pipe, reversed flow, battery remaining capacity under warning threshold
- Potable water approved
- Battery lifetime over 13 years
- Operating temperature -10 + 55°C
- LCD 9 digits + icons
- Long-life primary lithium battery



Displayed values

accumulated volume	firmware version	flow rate errors	high resolution volume	due date x2
due date volume x2	reverse volume	flow direction	display test	low battery indication
radio signal ON/OFF	leakage indication	empty pipe	freezing alert	max temperature record

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]	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

AQUO

Single jet dry



SJD

SJD1 - SJD2

- Complies with MID and GOST directives
- Single jet, dry type
- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Easy reading with 360 rotating printer unit
- Suitable for communication add-on
- Corrosion resistant brass body
- All parts are made of materials suitable for contact with water
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing
- Optional adding of PULSE output module
- Hot water version available



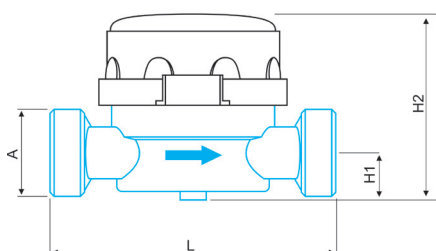
Accessories


Pulse module
M-Bus module

WM-Bus/LoraWAN
module

NB-IoT **NB-IoT module**

Model name			SJD1 - SJD2						
Nominal Diameter	DN		mm	15					
Connection Diameter	A		inch	G 3/4 B					
Permanent Flowrate	Q3		m³/h	1,6		2,5			
Maximum Flowrate	Q4		m³/h	2		3,125			
Measuring Range Ratio	Horizontal connection	R		80*	100*	80*	100*	160*	
Transitional Flowrate		Q2	l/h	32	25,6	50	40	25	
Minimum Flowrate		Q1	l/h	20	16	31,3	25	15,6	
Measuring Range Ratio	Vertical connection	R		40	50	40	50		
Transitional Flowrate		Q2	l/h	64	51,2	10	80		
Minimum Flowrate		Q1	l/h	40	32	62,5	50		
Temperature Class	T		°C	T30 T50 T70 T90 T30/90					
Pressure Drop			bar	0,63					
Maximum Working Pressure			bar	16					
Registration Capacity			m³	99999					
Minimum Reading Resolution				0,05					



Dimensions

Meter Length	L	mm	80*	110
Axis Height	H1	mm	18	18
Total Height	H2	mm	71	71
Width	W	mm	75	75

*Only available with Q3= 2,5 m³/h R<=H100

SJD

SJD3 - SJD4 - SJD5 - SJD6 - SJD7 - SJD8

- Complies with MID and GOST directives
- Single jet, dry type
- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Easy reading with 360 rotating printer unit
- Suitable for communication add-on
- Corrosion resistant brass body
- All parts are made of materials suitable for contact with water
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing
- Optional adding of PULSE output module
- Hot water version available



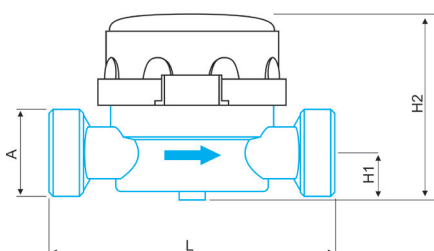
Accessories


**Pulse module
M-Bus module**

**WM-Bus/LoraWAN
module**

NB-IoT module

Model name			SJD3 - SJD4 - SJD5 - SJD6 - SJD7 - SJD8					
Nominal Diameter	DN	mm	20					
Connection Diameter	A	inch	G 1 B					
Permanent Flowrate	Q3	m ³ /h	2,5			4		
Maximum Flowrate	Q4	m ³ /h	3,125			5		
Measuring Range Ratio	Horizontal connection	R	80*	100*	160*	80*	100*	160*
Transitional Flowrate		Q2	50	40	25	80	64	40
Minimum Flowrate		Q1	31,3	25	15,6	50	40	25
Measuring Range Ratio	Vertical connection	R	40	50		40		50
Transitional Flowrate		Q2	100	80		160		128
Minimum Flowrate		Q1	62,5	50		100		80
Temperature Class	T	°C	T30 T50 T70 T90 T30/90					
Pressure Drop		bar	0,63					
Maximum Working Pressure		bar	16					
Registration Capacity		m ³	99999					
Minimum Reading Resolution			0,05					



Dimensions

Meter Length	L	mm	110	130	190
Axis Height	H1	mm	18	18	18
Total Height	H2	mm	71	71	71
Width	W	mm	75	75	75

AQUO

Multi jet dry



MJD

MJD1 - MJD2

- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing
- Hot water version available (e.g.: MJD1-HW)



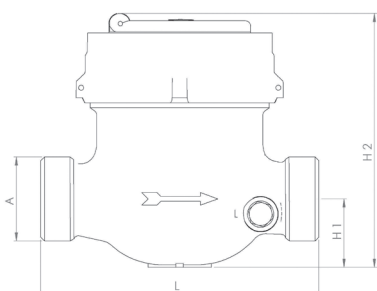
Accessories


**Pulse module
M-Bus module**

**WM-Bus/LoraWAN
module**

NB-IoT module

Model name			MJD1 - MJD2			
Nominal Diameter	DN	mm	15			
Connection Diameter	A	inch	G 3/4 B			
Permanent Flowrate	Q3	m ³ /h	2,5			
Maximum Flowrate	Q4	m ³ /h	3,125			
Measuring Range Ratio	Horizontal connection	R	100	125	160	
Transitional Flowrate		Q2	40	32	25	
Minimum Flowrate		Q1	25	20	15,6	
Temperature Class	T	°C	T50 T70 T90 T30/90			
Transitional Flowrate Ratio		-	1,6			
Pressure Drop		bar	0,63			
Maximum Working Pressure		bar	16			
Registration Capacity		m ³	99999			
Minimum Reading Resolution			0,05			



Dimensions

Meter Length	L	mm	110	165
Axis Height	H1	mm	28	30
Total Height	H2	mm	98	108
Width	W	mm	75	86

MJD

MJD3 - MJD4 - MJD5 - MJD6 - MJD7

- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing
- Hot water version available (e.g.: MJD3-HW)



Accessories

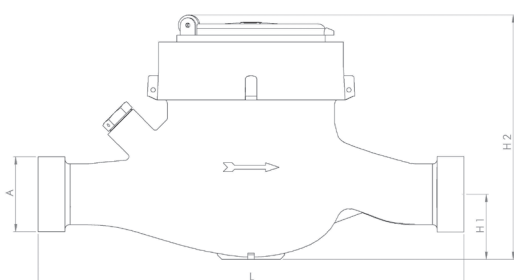

**Pulse module
M-Bus module**

**WM-Bus/LoraWAN
module**

NB-IoT NB-IoT module

Model name			MJD3 - MJD4 - MJD5 - MJD6 - MJD7					
Nominal Diameter	DN	mm	20					
Connection Diameter	A	inch	G 1 B					
Permanent Flowrate	Q3	m ³ /h	2,5*			4		
Maximum Flowrate	Q4	m ³ /h	3,125			5		
Measuring Range Ratio	Horizontal connection	R	100	125	160	100	125	160
Transitional Flowrate		Q2	40	32	25	64	51,2	40
Minimum Flowrate		Q1	25	20	15,6	40	32	25
Temperature Class	T	°C						
Transitional Flowrate Ratio		-						
Pressure Drop		bar						
Maximum Working Pressure		bar						
Registration Capacity		m ³						
Minimum Reading Resolution								

* Model MJD-20/190 with permanent flowrate of 2,5 m³/h is also available in a more compact version with W=75 mm.



Dimensions

Meter Length	L	mm	110*	130*	190
Axis Height	H1	mm	28	30	30
Total Height	H2	mm	98	108	108
Width	W	mm	75	86	86

* Length values 110 and 130 mm are available only with permanent flowrate of 2,5 m³/h

MJD

MJD8

- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing
- Hot water version MJD8-HW available



Accessories



**Pulse module
M-Bus module**

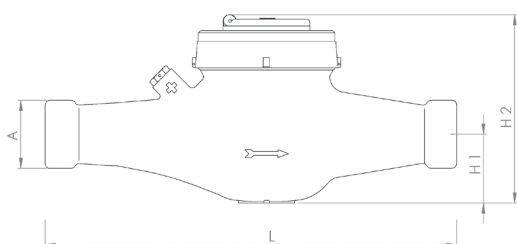


**WM-Bus/LoraWAN
module**



NB-IoT module

Model name			MJD8			
Nominal Diameter	DN		mm	25		
Connection Diameter	A		inch	G 1 1/4 B		
Permanent Flowrate	Q3		m³/h	6,3		
Maximum Flowrate	Q4		m³/h	7,88		
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	10,1	80,6	63
Minimum Flowrate		Q1	l/h	63	50,4	39,4
Temperature Class	T		°C	T50 T70 T90 T30/90		
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution				0,05		



Dimensions

Meter Length	L	mm	260
Axis Height	H1	mm	43
Total Height	H2	mm	120
Width	W	mm	98

MJD

MJD9

- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing
- Hot water version MJD9-HW available



Accessories



**Pulse module
M-Bus module**

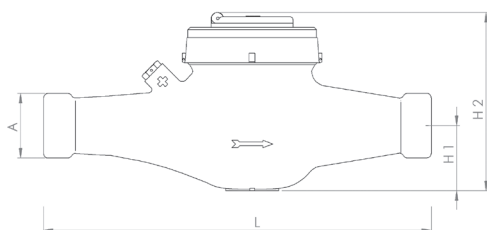


**WM-Bus/LoraWAN
module**



NB-IoT NB-IoT module

Model name			MJD9			
Nominal Diameter	DN mm		32			
Connection Diameter	A inch		G 1 1/2 B			
Permanent Flowrate	Q3 m³/h		10			
Maximum Flowrate	Q4 m³/h		12,5			
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	160	128	100
Minimum Flowrate		Q1	l/h	100	80	62,5
Temperature Class	T °C		T50 T70 T90 T30/90			
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution			0,05			



Dimensions

Meter Length	L	mm	260
Axis Height	H1	mm	43
Total Height	H2	mm	120
Width	W	mm	98

MJD

MJD10

- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing
- Hot water version MJD10-HW available



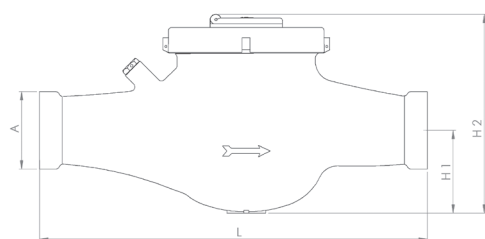
Accessories


**Pulse module
M-Bus module**

**WM-Bus/LoraWAN
module**

NB-IoT NB-IoT module

Model name			MJD10			
Nominal Diameter	DN		mm	40		
Connection Diameter	A		inch	G 2 B		
Permanent Flowrate	Q3		m³/h	16		
Maximum Flowrate	Q4		m³/h	20		
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	256	204,8	160
Minimum Flowrate		Q1	l/h	160	128	100
Temperature Class	T		°C	T50 T70 T90 T30/90		
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution				0,05		



Dimensions

Meter Length	L	mm	300
Axis Height	H1	mm	62
Total Height	H2	mm	150
Width	W	mm	127

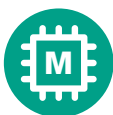
MJD

MJD11

- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing
- Hot water version MJD11-HW available



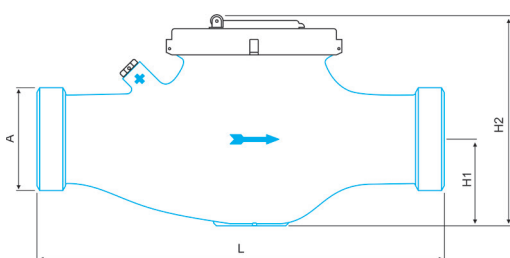
Accessories


**Pulse module
M-Bus module**

**WM-Bus/LoraWAN
module**

NB-IoT NB-IoT module

Model name				MJD11		
Nominal Diameter	DN		mm	50		
Connection Diameter	A		inch	G 2 1/2 B		
Permanent Flowrate	Q3		m³/h	25		
Maximum Flowrate	Q4		m³/h	31,25		
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	400	320	250
Minimum Flowrate		Q1	l/h	250	200	156,3
Temperature Class	T		°C	T50 T70 T90 T30/90		
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution				0,05		



Dimensions

Meter Length	L	mm	300
Axis Height	H1	mm	62
Total Height	H2	mm	150
Width	W	mm	127

MJD

MJD12

- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing
- Hot water version MJD12-HW available



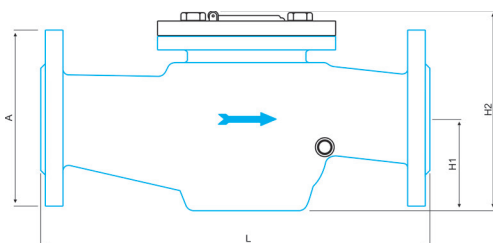
Accessories


**Pulse module
M-Bus module**

**WM-Bus/LoraWAN
module**

NB-IoT module

Model name			MJD12			
Nominal Diameter	DN		mm	50		
Connection Diameter	A		inch	G 2 B		
Permanent Flowrate	Q3		m³/h	25		
Maximum Flowrate	Q4		m³/h	3,125		
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	400	320	250
Minimum Flowrate		Q1	l/h	250	200	156,3
Temperature Class	T		°C	T50 T70 T90 T30/90		
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution				0,05		



Dimensions

Meter Length	L	mm	300
Axis Height	H1	mm	80
Total Height	H2	mm	150
Width	W	mm	160

AQUO

Multi jet semi dry



MJSD

MJSD1 - MJSD2

- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing



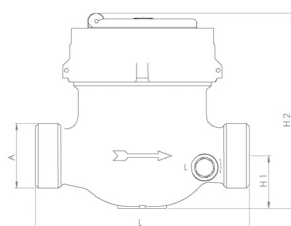
Accessories


**Pulse module
M-Bus module**

**WM-Bus/LoraWAN
module**

NB-IoT NB-IoT module

Model name			MJSD1 - MJSD2			
Nominal Diameter	DN	mm	15			
Connection Diameter	A	inch	G 3/4 B			
Permanent Flowrate	Q3	m ³ /h	2,5			
Maximum Flowrate	Q4	m ³ /h	3,125			
Measuring Range Ratio	Horizontal connection	R	100	125	160	
Transitional Flowrate		Q2	40	32	25	
Minimum Flowrate		Q1	25	20	15,6	
Measuring Range Ratio	Vertical connection	R	40	80	-	
Transitional Flowrate		Q2	100	50	-	
Minimum Flowrate		Q1	62,5	31,3	-	
Temperature Class	T	°C	T50			
Pressure Drop		bar	0,63			
Maximum Working Pressure		bar	16			
Registration Capacity		m ³	99999			
Minimum Reading Resolution			0,05			



Dimensions

Meter Length	L	mm	110	165
Axis Height	H1	mm	28	30
Total Height	H2	mm	98	108
Width	W	mm	75	86

MJSD

MJSD3 - MJSD4 - MJSD5 - MJSD6 - MJSD7

- Semi-dry type mechanism with glycerin
- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing



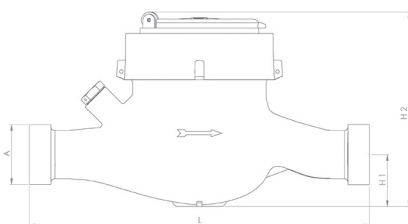
Accessories


**Pulse module
M-Bus module**

**WM-Bus/LoraWAN
module**

NB-IoT NB-IoT module

Model name			MJSD3 - MJSD4 - MJSD5 - MJSD6 - MJSD7					
Nominal Diameter	DN	mm	20					
Connection Diameter	A	inch	G 1 B					
Permanent Flowrate	Q3	m ³ /h	2,5*			4		
Maximum Flowrate	Q4	m ³ /h	3,125			5		
Measuring Range Ratio	Horizontal connection	R	100	125	160	100	125	160
Transitional Flowrate		Q2	40	32	25	64	51,2	40
Minimum Flowrate		Q1	25	20	15,6	40	32	25
Measuring Range Ratio	Vertical connection	R	40	80	-	40	80	-
Transitional Flowrate		Q2	100	50	-	160	80	-
Minimum Flowrate		Q1	62,5	31,3	-	100	50	-
Temperature Class	T	°C	T50					
Pressure Drop		bar	0,63					
Maximum Working Pressure		bar	16					
Registration Capacity		m ³	99999					
Minimum Reading Resolution			0,05					



Dimensions

Meter Length	L	mm	110*	130*	190
Axis Height	H1	mm	28	30	30
Total Height	H2	mm	98	108	108
Width	W	mm	75	86	86

* Length values 110 and 130 mm are available only with permanent flowrate of 2,5 m³/h

MJSD

MJSD8

- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing



Accessories



**Pulse module
M-Bus module**

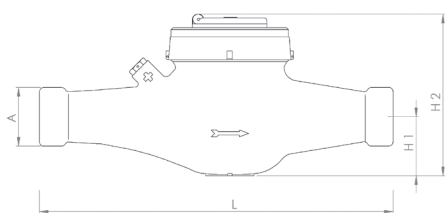


**WM-Bus/LoraWAN
module**



NB-IoT NB-IoT module

Model name			MJSD8			
Nominal Diameter	DN		mm	25		
Connection Diameter	A		inch	G 1 1/4 B		
Permanent Flowrate	Q3		m³/h	6,3		
Maximum Flowrate	Q4		m³/h	7,88		
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	10,1	80,6	63
Minimum Flowrate		Q1	l/h	63	50,4	39,4
Measuring Range Ratio	Vertical connection	R		40	80	-
Transitional Flowrate		Q2	l/h	252	126	-
Minimum Flowrate		Q1	l/h	157,5	78,8	-
Temperature Class	T		°C	T50		
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution				0,05		



Dimensions

Meter Length	L	mm	260
Axis Height	H1	mm	43
Total Height	H2	mm	120
Width	W	mm	98

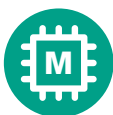
MJSD

MJSD9

- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing



Accessories



**Pulse module
M-Bus module**

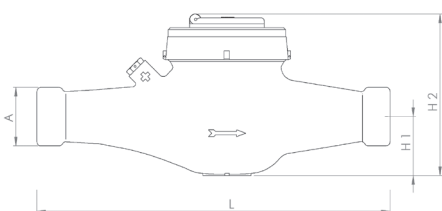


**WM-Bus/LoraWAN
module**



NB-IoT NB-IoT module

Model name			MJSD9			
Nominal Diameter	DN		mm	32		
Connection Diameter	A		inch	G 1 1/2 B		
Permanent Flowrate	Q3		m³/h	10		
Maximum Flowrate	Q4		m³/h	12,5		
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	160	128	100
Minimum Flowrate		Q1	l/h	100	80	62,5
Measuring Range Ratio	Vertical connection	R		40	80	-
Transitional Flowrate		Q2	l/h	400	200	-
Minimum Flowrate		Q1	l/h	250	125	-
Temperature Class	T		°C	T50		
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution				0,05		



Dimensions

Meter Length	L	mm	260
Axis Height	H1	mm	43
Total Height	H2	mm	120
Width	W	mm	98

MJSD

MJSD10

- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing



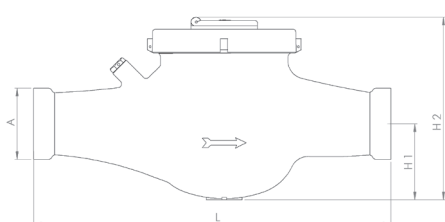
Accessories


Pulse module
M-Bus module

WM-Bus/LoraWAN
module

NB-IoT module

Model name			MJSD10			
Nominal Diameter	DN		mm	40		
Connection Diameter	A		inch	G 2 B		
Permanent Flowrate	Q3		m³/h	16		
Maximum Flowrate	Q4		m³/h	20		
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	256	204,8	160
Minimum Flowrate		Q1	l/h	160	128	100
Measuring Range Ratio	Vertical connection	R		40	80	-
Transitional Flowrate		Q2	l/h	640	320	
Minimum Flowrate		Q1	l/h	400	200	
Temperature Class	T		°C	T50		
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution				0,05		



Dimensions

Meter Length	L	mm	300
Axis Height	H1	mm	62
Total Height	H2	mm	150
Width	W	mm	127

MJSD

MJSD11

- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing



Accessories



**Pulse module
M-Bus module**

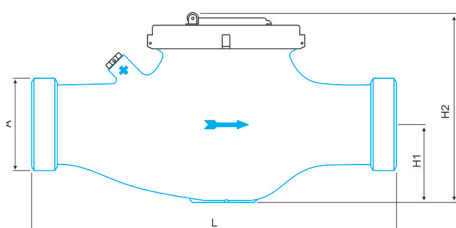


**WM-Bus/LoraWAN
module**



NB-IoT NB-IoT module

Model name			MJSD11			
Nominal Diameter	DN		mm	50		
Connection Diameter	A		inch	G 2 1/2 B		
Permanent Flowrate	Q3		m³/h	25		
Maximum Flowrate	Q4		m³/h	31,25		
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	400	320	250
Minimum Flowrate		Q1	l/h	250	200	156,3
Measuring Range Ratio	Vertical connection	R		40	80	-
Transitional Flowrate		Q2	l/h	800	400	-
Minimum Flowrate		Q1	l/h	500	250	-
Temperature Class	T		°C	T50		
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution				0,05		



Dimensions

Meter Length	L	mm	300
Axis Height	H1	mm	62
Total Height	H2	mm	150
Width	W	mm	127

MJSD

MJSD12

- Long durability thanks to multi jet design
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing



Accessories



**Pulse module
M-Bus module**

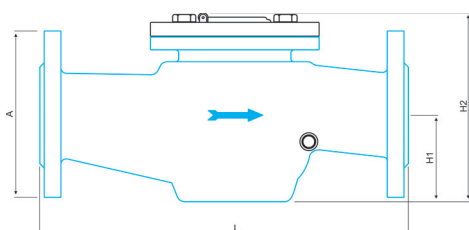


**WM-Bus/LoraWAN
module**



NB-IoT module

Model name			MJSD12			
Nominal Diameter	DN		mm	50		
Connection Diameter	A		inch	G 2 B		
Permanent Flowrate	Q3		m³/h	25		
Maximum Flowrate	Q4		m³/h	3,125		
Measuring Range Ratio	Horizontal connection	R		100	125	160
Transitional Flowrate		Q2	l/h	400	320	250
Minimum Flowrate		Q1	l/h	250	200	156,3
Measuring Range Ratio	Vertical connection	R		40	80	-
Transitional Flowrate		Q2	l/h	100	50	-
Minimum Flowrate		Q1	l/h	62,5	31,3	-
Temperature Class	T		°C	T50		
Pressure Drop			bar	0,63		
Maximum Working Pressure			bar	16		
Registration Capacity			m³	99999		
Minimum Reading Resolution				0,05		



Dimensions

Meter Length	L	mm	300
Axis Height	H1	mm	80
Total Height	H2	mm	150
Width	W	mm	160

AQUO

Volumetric



VD

VD1

- Precise measurement with volumetric design
- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing



Accessories



**Pulse module
M-Bus module**

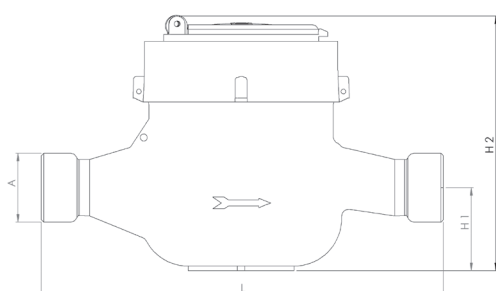


**WM-Bus/LoraWAN
module**



NB-IoT module

Model name			VD1					
Nominal Diameter	DN		mm	15				
Connection Diameter	A		inch	G 3/4 B				
Permanent Flowrate	Q3		m³/h	2,5				
Maximum Flowrate	Q4		m³/h	3,125				
Measuring Range Ratio	Horizontal connection	R		160	200	250	315	400
Transitional Flowrate		Q2	l/h	25	20	16	13	10
Minimum Flowrate		Q1	l/h	16	13	10	8	6
Temperature Class	T		°C	T50				
Pressure Drop			bar	0,63				
Maximum Working Pressure			bar	16				
Registration Capacity			m³	99999				
Minimum Reading Resolution				0,05				



Dimensions

Meter Length	L	mm	165
Axis Height	H1	mm	38
Total Height	H2	mm	115
Width	W	mm	86

VD

VD2

- Precise measurement with volumetric design
- Vacuum mechanism with dust and steam protection
- Protected against magnetic interference
- Suitable for communication add-on
- Corrosion resistant brass body
- Electrostatic painted inner and outer surfaces
- All parts are made of materials suitable for contact with water
- 360° rotating and 180° opening lid for easy reading
- Registration capacity 99999 m³
- Long service life with sapphire jewel bearing



Accessories



**Pulse module
M-Bus module**

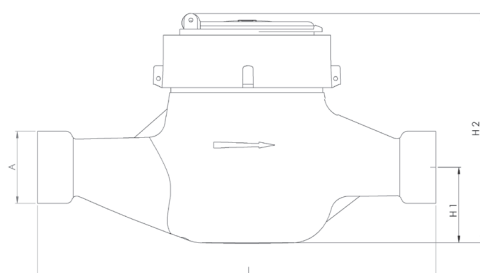


**WM-Bus/LoraWAN
module**



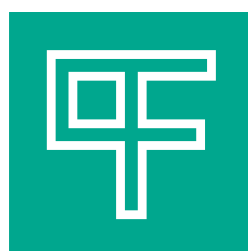
NB-IoT NB-IoT module

Model name			VD2					
Nominal Diameter	DN	mm	20					
Connection Diameter	A	inch	G 1 B					
Permanent Flowrate	Q3	m ³ /h	2,5					
Maximum Flowrate	Q4	m ³ /h	3,125					
Measuring Range Ratio	Horizontal connection	R	160	200	250	315	400	
Transitional Flowrate		Q2	25	20	16	13	10	
Minimum Flowrate		Q1	16	13	10	8	6	
Temperature Class	T	°C	T50					
Pressure Drop		bar	0,63					
Maximum Working Pressure		bar	16					
Registration Capacity		m ³	99999					
Minimum Reading Resolution			0,05					



Dimensions

Meter Length	L	mm	190
Axis Height	H1	mm	38
Total Height	H2	mm	115
Width	W	mm	86



Pietro Fiorentini

CT0067ENG



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

[watermeters_catalog_ENG_revA](#)

www.fiorentini.com