

NB-IoT Water Meter with Valve Control IMI -NB3VVL

GENERAL DETAILS

- MID certified -suitable for potable water
- Complete water consumption management
- IP68 protected electronic circuit and mechanical meter
- Check valve disabling bi-directional water flow
- 3.6V Lithium battery
- LCD display with back light (64x20 mm)
- Suitable for cold water and temperatures up to 50°C
- All spare parts available
- Leakage control system, 3 years warranty
- Low power narrow band bidirectional communication (NB-IoT)
- Remote valve control (open / close)
- Step valve closing
- Receive meter readings remotely
- Cicicom Smart Grid platform ready
- Contactless card usage ensures isolation against external affects
- Setting up different tariffs
- Fitting security cover and electronic sensor



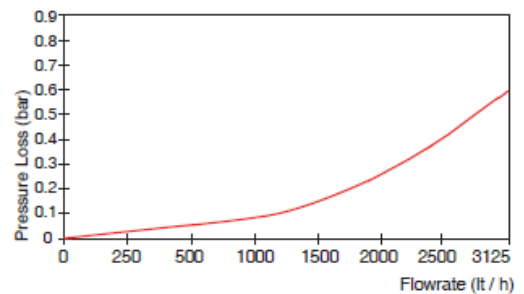
DEVICE DIMENSIONS

Nominal Diameter	DN	15	15	20 mm
Width	B	111	111	111 mm
Length with connections	LB	270	245	270 mm
Connecting Diameter	D	G ¾	G ¾	G1 B
Length	L	190	165	190 mm
Total overall meter height	H	144	144	144 mm
Axis height	h	27	27	27 mm
Unit weight		1.83	1.85	1.91 kg

PERFORMANCE DATA

Overload flowrate	Q4	m ³ /h	3.125	3.125	5	5	5
Permanent flowrate	Q3	m ³ /h	2.5	2.5	4	4	4
Transitional flowrate	Q2	m ³ /h	0.040	0.025	0.064	0.040	0.020
Minimum flowrate	Q1	m ³ /h	0.025	0.0156	0.040	0.025	0.020
Q3/Q1 (M1-001 OIML R49)	-		100	160	100	160	200
Initial flowrate Qi		1/h			7		
Pressure loss		bar			0.6		
Maximum working pressure		bar			16		
Maximum working temperature		°C			50		
Maximum registration capacity		m ³			99999		
Smallest reading resolution		m ³			0.00005		
Mounting on the network		-			horizontal		

PRESSURE LOSS CURVE



PERFORMANCE CURVE

