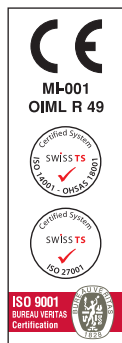


BAYLAN

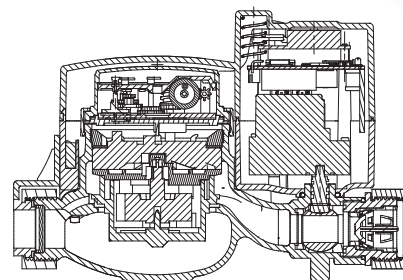
WATER METERS

AK-311 GPRS Remote Reading Water Meters

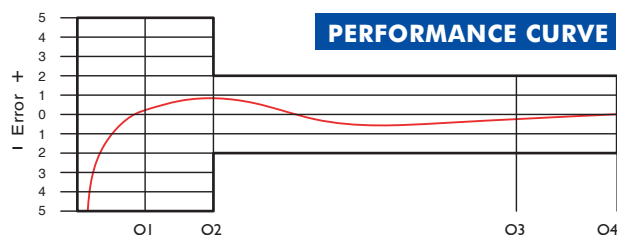


GENERAL

- MID Certified
- Direct communication with central station through GPRS/GSM
- Complete management of the water consumption
- Elimination of meter reading process
- No meter dismantling because of the debts
- Setting up different tariffs • Suitable for potable water
- IP68 protected electronic circuit and mechanical meter
- Check valve disabling bi-directional water flow
- Sleeve security check and electronic sensor
- Lithium battery replaced by local administration
- LCD display with back light
- Suitable for cold water up to 50°C
- All spare parts available, wide range of service network
- Leakage control system, 3 years of warranty



PERFORMANCE CURVE



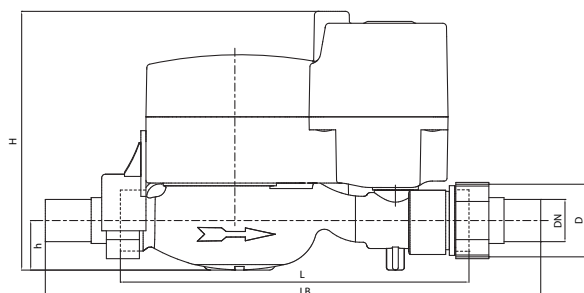
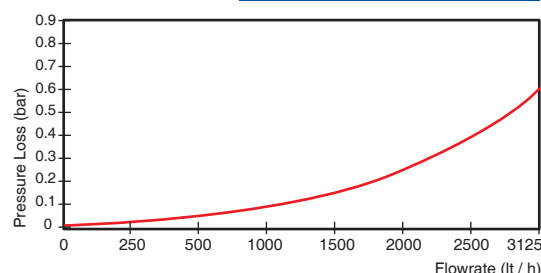
PERFORMANCE DATA

Permanent Flowrate	Q3 (m³/h)	2.5	2.5	4	4	4
Overload Flowrate	Q4 (m³/h)	3.125	3.125	5	5	5
Transitional Flowrate	Q2 (m³/h)	0.025	0.025	0.064	0.040	0.032
Minimum Flowrate	Q1 (m³/h)	0.0156	0.0156	0.040	0.025	0.020
Q3/Q1 (MI-001 OIML R49)		160	160	100	160	200
Connecting diameter		G1B	G 3/4B		G1B	
Length	(mm)	190	165-190		190	
Initial Flowrate	Qi (l/h)	7				
Maximum Working Pressure	(bar)	16				
Maximum Working Temperature	(°C)	50				
Pressure Loss	(bar)	0.6				
Maximum Registration Capacity	(m³)	99999				
Smallest Reading Resolution	(m³)	0.00005				
Mounting on the network		Horizontal				
Quantity per package		5				
Package dimensions	(cm)	16x54.5x23				

DIMENSIONS

Nominal diameter	DN	15	15	20	mm
Connecting diameter	D	G 3/4	G 3/4	G 1	B
Total overall meter height	H	144	144	144	mm
Axis height	h	27	27	27	mm
Length	L	190	165	190	mm
Width	B	111	111	111	mm
Length with connections	LB	266	241	270	mm
LCD Screen Length		64x20	64x20	64x20	mm
LCD Screen Angle		30°	30°	30°	mm
Unit weight		1.83	1.85	1.91	kg
Package Weight (without connections)		10.23	10.20	10.49	kg
Package Weight (with connections)		10.83	10.80	11.39	kg

PRESSURE LOSS CURVE



"Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice."