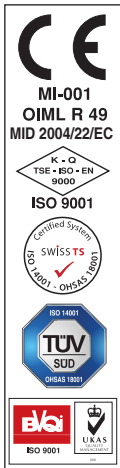
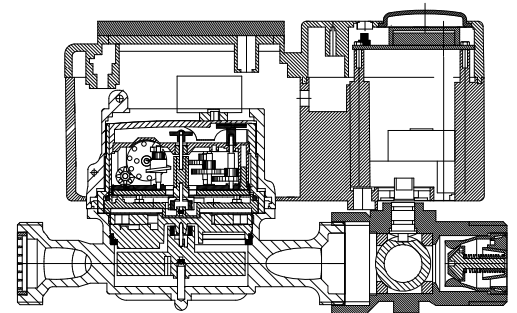


BAYLAN

WATER METERS

AK-21 T Prepaid Single Jet Water Meter

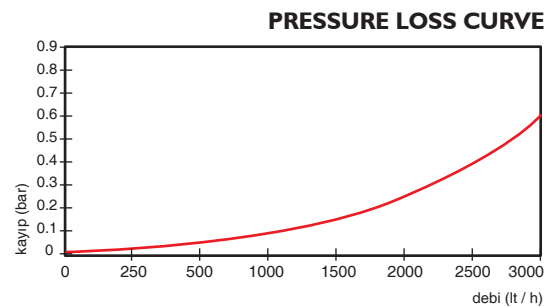
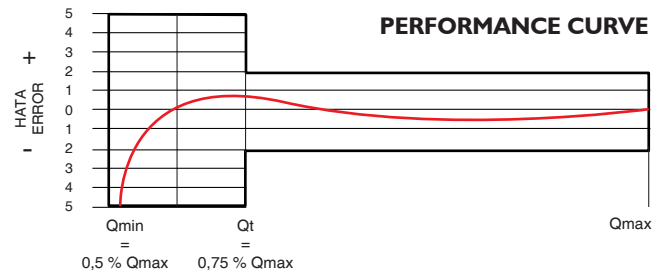


GENERAL

- Cash in advance payment
- Single jet design assures very high sensitivity even at low flows
- Complete management of the water consumption
- Elimination of meter reading process
- Easy analysis of water consumption by rich reports on PC
- Contactless card usage ensures isolation against external affects
- No meter dismantling because of the debts
- Setting up different tariffs
- Check valve disabling bi-directional water flow
- Sleeve security check and electronic sensor
- Lithium battery replaced by local administration
- LCD display with back light
- Protective polycarbonate glass
- Suitable for cold water up to 50°C
- Almost no maintenance
- All spare parts available, wide range of service network
- Leakage control system
- 3 years of warranty

PERFORMANCE DATA

	75/33/AT	
Nominal Flowrate	Q _n	(m ³ /h) : 1.5
Maximum Flowrate	Q _{max}	(m ³ /h) : 3.0
Transitional Flowrate	Q _t	(m ³ /h) : 0.0225
Minimum Flowrate	Q _{min}	(m ³ /h) : 0.015
	MI-001	
Permanent Flowrate	Q ₃	(m ³ /h) : 2.5
Overload Flowrate	Q ₄	(m ³ /h) : 3.125
Transitional Flowrate	Q ₂	(m ³ /h) : 0.025
Minimum Flowrate	Q ₁	(m ³ /h) : 0.0156
Initial Flowrate	Q _i	(l/h) : 5
Maximum Working Pressure	(bar)	: 16
Maximum Working Temperature	(°C)	: 50
Metrological Class (75/33/AT)		: C
Q ₃ /Q ₁ (MI-001 OIML R49)		: 160
Pressure Loss	(bar)	: 0.6
Maximum Registration Capacity	(m ³)	: 99999
Smallest Reading Resolution	(m ³)	: 0.00005
Mounting on the network		: Horizontal
Unit weight	(kg)	: 1.48
Package Weight (without connections)	(kg)	: 1.58
Package Weight (with connections)	(kg)	: 1.82
Quantity per package		: 1
Package dimensions	(cm)	: 21x10.5x16.5



DIMENSIONS

Nominal diameter	DN	20	mm
Connecting diameter	D	G 1	B
Total overall meter height	H	114	mm
Axis height	h	21	mm
Length	L	190	mm
Width	B	110	mm
Length with connections	LB	290	mm
LCD Screen Length		64x20	mm
LCD Screen Angle		30°	mm

