

BAYLAN

WATER METERS

TK-3C RF

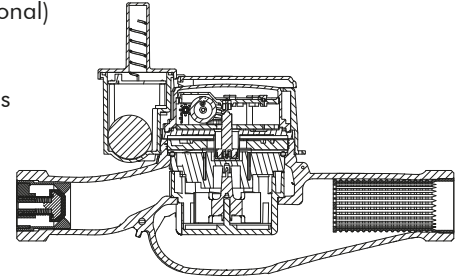
Multi jet Dry type Water Meter



GENERAL

LoRa & wM-Bus Smart Water Meter

- Compact design; meter and communication module in the same housing
- Integrated Lora module-chipset allows both LORA and FSK modulation
- Supports LoRaWAN™ - Class A Protocol
- Supports Wireless MBUS Protocol
- Supports LoRaWAN™ and Wireless MBUS Protocols simultaneously (Optional)
- Selectable Frequency Band EU 863-870 Mhz
- Power Supply 3.6V Lithium Battery • MID Certified
- Vacuumed/air-free mechanism suitable for tropical installation conditions
- Electrostatic epoxy painted body made of corrosion-resistant brass alloy
- Multi jet working principle assures a long service time
- Suitable for potable water and cold water up to 50°C
- Low pressure loss, high sensitivity at initial flow
- Special glass with high resistance to pressure and impact
- Star wheels indicator ready for optical pulse read-out
- 3 years of warranty • Integrated strainer and non-return valve
- Almost no maintenance
- Service and spare parts available for 10 years



PERFORMANCE DATA

Overload Flowrate	Q4	m ³ /h	7,875
Permanent Flowrate	Q3	m ³ /h	6,3
Transitional Flowrate	Q2	m ³ /h	0,04032
Minimum Flowrate	Q1	m ³ /h	0,0252
Q3/Q1 (MI-001 OIML R49)			≤250
Mounting on the network			H
Maximum Registration Capacity			99999 / 99999,99 / 99999,999
Initial Flowrate	Qi	l/h	7
Maximum Working Pressure		bar	16
Maximum Working Temperature		°C	50
Pressure Loss		bar	0,63
Smallest Reading Resolution		m ³	0,00005
Class			Class 1 / Class 2

DIMENSIONS

Nominal diameter	DN	25	mm
Connecting diameter	D	G1 1/4	B
Total overall meter height	H	162,1	mm
Axis height	h	41,5	mm
Width	B	92	mm
Length	L	260	mm
Length with connections	LB	380	mm
Unit weight		1,91	kg
Package Weight (without connect)		10,40	kg
Package Weight (with connect)		12,65	kg
Quantity per package		5	pcs
Package dimensions		29x60x20	cm

