

# Multi Jet Water Meter With AMR Communicator



## Features

- Multi jet metering unit with AMR facility.
- The counters designed in Kilo Litres and litres in circular pointers.
- Integral retrofit or remote AMR unit coupled to the meter communicates meter readings to gateways or data concentrators.
- Supports communication technologies like WM-Bus 868 MHz, LoRa 868 MHz, M2M and NB-IoT.
- Detects reverse flow and air flow induced turbine rotation.
- AMR communicator supports remote controlled valve, tamper alert and reverse flow offset.
- AMR unit supports data & event logging for 15 days.
- 3 years battery life for AMR unit.
- The total internal mechanism is sealed using washers and rings to the brass body and covered using a robust registration brass cover.
- Tamper-resistant construction - Meter cannot be tampered without breaking seal.
- Light weight turbine pivoted perfectly on a highly polished non-magnetic SS Pivot.

## Specifications

Heavy duty Multi jet water meter conforming to IS 779:94 standards, constructed with a robust external brass Registration box cover and heavy brass body for extra pressure stability. Dials protected with a 6mm thickness glass with IP 68 protection class against dust and water seepage. Super dry dial, straight reading in Kilo Litres, horizontal flow, magnetic coupled meter suitable for horizontal line connections in Industrial and outdoor applications.

Integral or remote communicator AMR unit supporting bi-directional communication with head end system directly or through gateways.

### Working Conditions:

- Water Temperature: 50C
- Water Pressure: 1MPa
- Pressure Loss: <0.1 Pa
- Maximum Pressure: 16 Bar

### Accuracy:

- From minimum flow rate (Qmin) inclusive to transitional flow rate (Qt), exclusive: ±5%
- From transitional flow rate (Qt) inclusive, to maximum flow rate, (Qmax), exclusive: ±2%