



TURBINE & MECHANICAL FLOWMETERS

Turbine Flowmeters

Features (Liquids)

- Good repeatability: $\pm 0.1\%$
- Excellent linearity: $\pm 0.5\%$ ($\pm 0.2\%$ when used with totaliser)
- Wide temperature range: -30°C to $+180^{\circ}\text{C}$ ($+280^{\circ}\text{C}$ with remote housing)
- Low pressure drop: 250mbar at maximum quoted flow rate

Features (Gases)

- Good repeatability: $\pm 0.2\%$
- Excellent linearity: $\pm 2.0\%$ (0.5% when used with totaliser)
- Wide temperature range: -30°C to $+180^{\circ}\text{C}$ ($+280^{\circ}\text{C}$ with remote housing)
- Low pressure drop: 12mbar at max. flow rate (based on test pressure 1 bar)

Features (Totalisers)

- Large LCD: 40mm x 90mm with seven 17mm and eleven 8mm digits
- High impact casing: U.V. resistant, flameproof ABS - IP 66 case
- Multiple housing: Head mount, remote mount or panel mount
- Operating temperature: -20°C to $+70^{\circ}\text{C}$
- Input frequency: 0.01Hz to 10kHz
- Modbus communication: RS 485
- Multiple power modes: 3V lithium battery (average life 5 years), 8-28V AC/DC, 80-230V AC



This family of turbine flowmeters offers an economical solution for flow monitoring of both gas and liquids. A modular based design of turbine flowmeters with a variety of process connections from $\frac{1}{2}$ " to 6" line sizes supplied in a variety of process connections including threaded, hygienic and flanged. The pick-up coil is available for either safe or hazardous areas and you can choose from a variety of electronic outputs; either battery or loop powered for flow output, totalised output, batch controller or bi-directional flow indication.



Hot & Cold Mechanical Water Meters

Features

- Available sizes $\frac{1}{2}$ " to 12"
- Horizontal or vertical mounting
- BS5728, ISO4064 & MID conformity
- Cold water up to 50°C
- Hot water up to 130°C

Advantages

- Permanent and efficient construction, ensuring the flow of water in low loss of pressure and ease of assembly in a variety of waterworks installations
- Reduced weight of water meter
- Interchangeable and unified metering layer fitting to several sizes of body and assuring optimal water meter management
- Standard water meter is suitable for remote readings in AMR system
- The possibility of mounting the water meter in the intermediate position without the influence on the metrological parameters
- Very good anticorrosive and mechanical qualities of paint coat



A competitively priced range of multi-jet mechanical totalising water meters with pulse output options and the advantage of being able to be installed horizontally or vertically. Suitable for a variety of commercial and general purpose metering applications. These meters come with screwed connection below 2" and flanged connection up to 12".

These water meters are characterised by modern construction and technology solutions, which make them long-lasting and perfectly proved in cooperation with pulse transmitters and remote systems for measuring data. Water meters are assigned to industrial measurements of water usage up to 50°C of cold water and up to 130°C of hot water in relatively regular and strong flow rate.

The construction of the water meter gives the possibility of mounting on horizontal, vertical and inclined water supply systems with counter set upwards, sideways or in medium position H-V.