



WATER METER INSTALLATION GUIDELINES

IMPORTANT:

Before installing the water meter, ensure that the meter has been chosen correctly, noting nominal diameter, flow rate, working temperature and pressure are compatible with actual installation conditions.

1. It is recommended that a straight length the same diameter as the meter and equivalent to ten times the meter diameter is fitted immediately prior to the meter inlet and five times the meter diameter after the meter.
2. Before installing the meter make sure that two sections of cut pipe are positioned correctly and supported where necessary, clean them carefully and allow water to flow for some time using a section of pipe instead of the meter, to remove any scale/debris left over from the disturbance of the pipe.
3. Install the meter in a place protected from frost and locate at the lowest part of the pipework in order to prevent accumulation of air within the measuring chamber, it is essential that the meter is flooded.
4. When installed in a horizontal position, ensure that the meter dial is within 180° of the upright position.
5. Install the meter so the water is flowing as the same direction as the arrow shown on the body and in the position, following indications on the dial.
6. It is advisable to install isolation vales upstream and downstream of the meter, in order to make the maintenance or verification of the meter possible, the installation of a non return valve is also recommended.
7. There should be no restriction of the pipe at the meter inlet and any fittings should not restrict the flow of water into the meter body. Any regulation should carried out at the outlet side of the meter.
8. The pulse lead fitted to the meter is for remote monitoring via a BSM or digital remote counter, the meter will operate without the pulse function being utilised.

IMPORTANT

Before putting into operation, it is necessary to purge the pipework and the meter of any air (for this operation it may be necessary to rotate the meter). Valves must be opened slowly so as not to allow any air present within the pipework to damage the meter by over running its internal measuring mechanism.