

INSTALLATION OPERATING MANUAL SINGLE JET WATER METER

BEFORE INSTALLATION :

Pipe-line must be cleaned and free from residual of weldings, rubbish, shaving and every kind of extraneous materials.
Pipe-line must be perfectly aligned and their support properly dimensioned so that there's no external constraint.
It's recommended to use a water meter stand.

When installing water meter on pipe-line , use fittings with flat span.

To tighten the ends, use the appropriate tool.

Use the right bolt tightening so that the ends won't be damaged.

We suggest to place straight pipes before and after the water meter. Straight pipe must be length 5 times water meter DN.

It's recommended to install a strainer before the water meter if there are some solid particles in the water.

Install ball valves before and after the water meter, so to facilitate the possible water meter removal. We suggest to install no-return check valve after the water meter also.

TESTS :

During the tests under pressure, water meter must be removed to avoid overpressure risks.

INSTALLATION

Please make the water flow slowly to avoid water hammer.

The meter pit shall be protected from flooding, rainwater and frost.

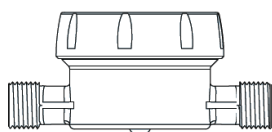
INSTALLATION POSITIONS :

The counter should be normally placed in an horizontal position

The counter can be installed vertically with ascending flow or tilted without suffering any damage. It must be considered though that in these cases the metering precision of the meter is going to be slightly altered.

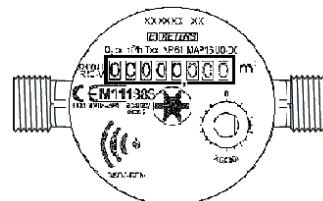
If necessary, the counter can be installed vertically with descending flow but the pipe should always be full of water in this case.

NOTE: Never install the water meter in horizontal position with totalizer in upside down orientation.



Class MID R=100

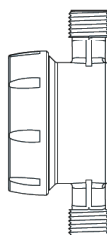
HORIZONTAL :



Class MID R=50
(Vertical dial assimilated to vertical position)

VERTICAL* :

*** : In vertical position, the metering precision of the meter is going to be slightly altered, and the pipe should always be full of water.**



Class MID R=50