
Operating Instructions for **MEINECKE** Water Meters

1. The installation site should be chosen so that an unrestricted straight pipe of min. 3x DN is ensured
2. The pipe diameter should not be reduced directly in front of or behind the meter
3. All regulation of the flow should be done behind the meter
4. Watch the requirements for fitting position (horizontal/vertical) !
Please see MEINECKE leaflet ML 344
5. The meter must be installed in the pipe free of stress
6. Flange gaskets must not protrude into the bore of the pipe
7. Before installation of the meter the pipe should be flushed thoroughly
8. Ensure that the meter is installed in the pipe with the flow direction indicated on the body matching the flow direction in the pipe
9. After installation the pipe should be charged gradually in order to avoid damage to the meter due to surges of air/water
10. The location of the meter in the pipe should be such that it is not possible for air pockets to develop in the meter i.e. the meter should not be located at high points in the pipeline or operated under half full pipe conditions
11. The manufacturer's value for Q_n should not be exceeded for extended periods
12. The maximum temperature of the medium must not exceed 50°C for cold water meters and 130°C for hot water meters
13. The maximum pressure must not exceed 16 bar
14. The meter should be protected against sand, solids exceeding 5mm diameter and fibrous material.
15. The meter must be protected against water hammer