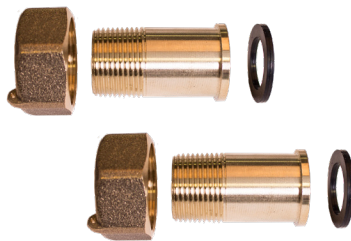


Components

MJN-Series Meter



Meter



Couplings

(Your meter may differ from the pictures, depending on model ordered.)

Warnings

- Do not install in overhead indoor piping or where leakage may cause damage.
- This meter is not recommended for installation in uninsulated suspended ceilings where freezing is possible.
- Thoroughly flush the service line upstream of the meter to remove any dirt and debris.
- Do not overtighten connections; tighten only as required to seal.
- Do not use pipe sealant or tape on meter threads.
- When removing the large meter nut, Seametrics recommends using a 24" pipe wrench. Larger or smaller pipe wrenches may damage the nut on plastic units!

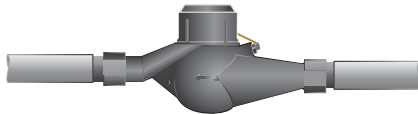
Recommended Tools

If you want to change the pulse rate Seametrics recommends a 24" pipe wrench.

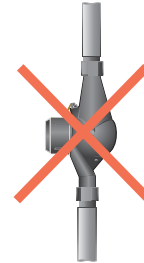


Positioning

For best results, install horizontally with register up.
No upstream straight pipe is required.

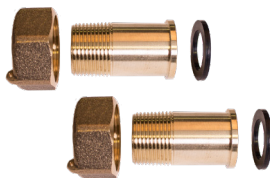


Warning: Vertical mounting will result in some degree of under-measurement and shortened life of bearings.



Installation

Couplings



It is recommended that you use the included couplings because they provide a union connection for meter service. Be sure to use the included gasket between the end of the meter and the coupling.

Connections

Diagram 1: Single Sensor

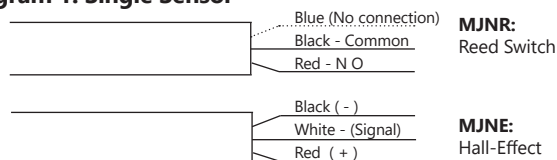


Diagram 2: Dual Sensor

NOTE: The Dual Sensor is distinguished by a red stripe on the cable at the base of the sensor.



Setting Pulse Rate

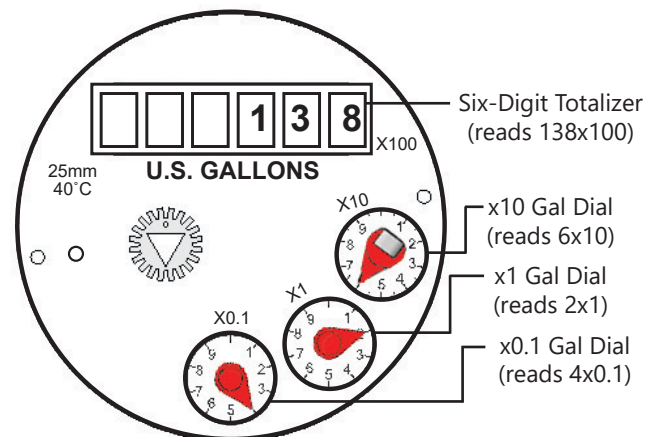
The pulse rate is determined by which sensor was ordered from the factory (single reed switch, dual reed switch, or single Hall-effect) and by the dial on which the magnet pointer is located. The pointer is set at the factory, but can be changed in the field.

(Refer to the MJN Instruction booklet for details.)



NOTE! When removing the large meter nut, Seametrics recommends using a 24" pipe wrench.

Reading the Meter



Add the results to get the total flow.

$$\begin{array}{rcl}
 138 \times 100 & = & 13800 \\
 6 \times 10 & = & 60 \\
 2 \times 1 & = & 2 \\
 4 \times 0.1 & = & 0.4 \\
 \hline
 & & 13862.4
 \end{array}$$