

MJN-Series Quick Start Guide

Components



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 in 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

Warning: Vertical mounting will result in some degree For best results, install horizontally with register up. No upstream straight pipe is required. of under-measurement and shortened life of bearings. **Installation** Couplings 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. It is recommended that you use the included couplings because they provide a union connection for meter Reading the Meter service. Be sure to use the included gasket between the end of the meter and the coupling. Six-Digit Totalizer 3 8 (reads 138x100) **Connections** 25mm 40°C **U.S. GALLONS** x10 Gal Dial **Diagram 1: Single Sensor** (reads 6x10) Blue (No connection) MJNR: 0 0 x1 Gal Dial Black - Common Reed Switch Red - N O (reads 2x1) x0.1 Gal Dial Black (-) MJNE: White - (Signal) (reads 4x0.1) Hall-Effect Red (+) Diagram 2: Dual Sensor 138x100 = Add the results to NOTE: The Dual Sensor is distinguished by a red stripe on the 6x10 = get the total flow. cable at the base of the sensor.

13800 60 2x1 2 = 4x0.1 = 0.4 13862.4

Seametrics • 19026 72nd Avenue South • Kent, Washington 98032 • USA (P) 253.872.0284 • (F) 253.872.0285 • 1.800.975.8153 • seametrics.com

Black - Common

Red - N O

Blue - N O

MJNR:

Reed Switch