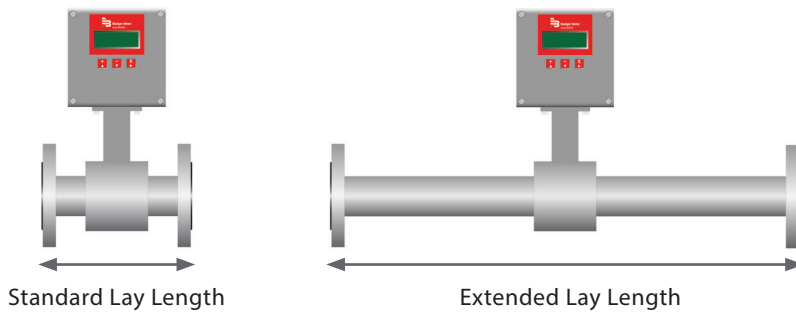


Custom Solutions

Extended Lay Lengths

Depending on the pipe size of the meter, standard ModMAG M-Series[®] meters come with lay lengths between 6.7 and 39.4 inches. However, in certain applications, such as when a meter is being retrofitted into a process, the existing pipes may not match up with the lay length of a meter. This commonly occurs when replacing different types of metering technology, such as Venturi meters, with a ModMAG meter. To avoid installing additional pipe lengths to fill in the marginal space, ModMAG meters can be designed to feature exceptionally long lay lengths.

In the application pictured, there were two meters installed with lay lengths of 55 inches and 61 inches. The meters were measuring potable water at a water supply company in Wört, Southern Germany. The extended lay lengths required for this installation provided Badger Meter an opportunity to offer this customer a solution unique to the special lay length design capabilities of ModMAG flow meters.



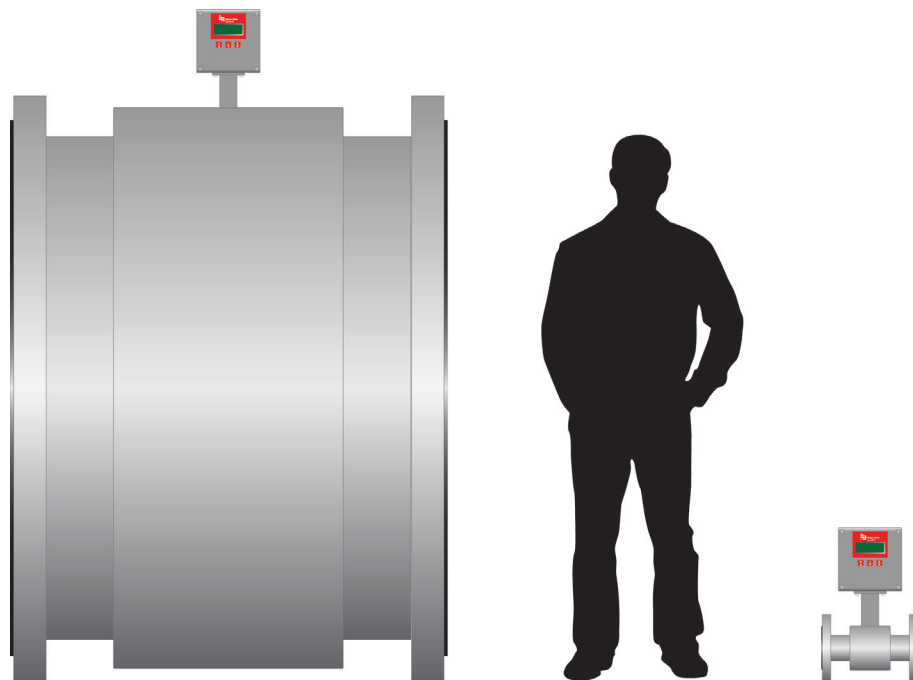
Models Available Include:

- M1000 for rugged environments
- M2000 for general area environments
- M3000 for Class 1, Div. 2
- M5000 battery powered
- 7500P for basic batching applications

Wide Range of Pipe Sizes

ModMAG M-Series® meters are available in standard pipe sizes from 1/4 inch to 54 inches, depending on the model. When an application demands a larger pipe size to handle higher flow capacity, ModMAG meters can be custom designed to meet special size requirements—even for pipe sizes up to 96 inches.

Pictured to the right is one of two meters measuring 54 and 60 inches in diameter, designed for a project for the California Department of Water Resources (DWR). The project will increase their water distribution capacity and reliability, allowing them to meet expanding fresh water demands in several southern California counties. This picture was taken at a test facility in Utah, where the meters met accuracy standards set by the California DWR at flow ranges ranging from 4500 to 80,000 gallons per minute.



ModMAG® Features

- Non-intrusive, open flow tube design
- Standard pipe size: 1/4...54 in., depending upon model
- Accuracy: up to $\pm 0.25\%$
- Corrosion-resistant liners for long life
- Remote or meter mounted amplifier
- SCADA-ready outputs
- NEMA 4X/6P options
- NSF approved

Control. Manage. Optimize

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