

## Hydraulic Fracturing Solutions for Oil & Gas Applications

Hydraulic fracturing is the use of fluid and material to create or restore small fractures in a formation in order to stimulate production from new and existing oil and gas wells. The fracturing process creates paths that increase the rate at which fluids can be produced from reservoir formations.

ModMAG® M-Series® electromagnetic flow meters are ideal for hydraulic fracturing applications due to their compatibility with water and other conductive liquids. These advanced meters reliably measure abrasive discharge fluid pumped to and from wells, and are robust enough to withstand vibration on truck-mounted process water blending units.

### The Proven Benefits You Need

- High measurement accuracy
- Perfect fit for skid installation
- Minimal upstream/downstream straight pipe runs
- Reduces or eliminates expensive service
- Minimizes downtime and replacement parts cost

### ModMAG® M-Series® M1000 Electromagnetic Flow Meters

- Accuracy  $\pm 0.3\%$
- Flow range 0.10...39.4 ft/s  
(0.03...12 m/s)
- Sizes 1/4 ... 8 in.  
(6...200 DN)
- LCD display (meter- or  
remote-mounted)
- Power supply  
92...275V AC,  
9...36V DC



**Control. Manage. Optimize.**

# Your Flow Measurement Experts

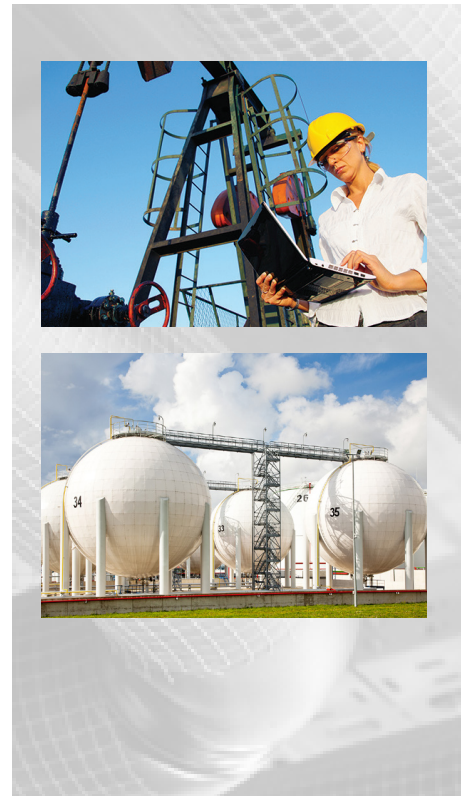
In the oil and gas industry, the flow of liquids and gases must be measured during every phase of exploration, production and transportation. Upstream operations span offshore and onshore activities, including well testing, enhanced oil recovery, fractionation, completion, and separation to recover and prepare crude oil and natural gas. These applications demand the highest flow meter accuracy and reliability, as well as long-term stability and a low cost-of-ownership.

## What Badger Meter Can Offer You

- Availability
- Local skilled/technical distributors and support
- Supported by high quality
- Quick delivery
- Physically interchangeable, drop-in, retrofit

## Flow Meters You Can Rely On

An industry leader in both mechanical and electronic flow metering technologies, Badger Meter offers one of the broadest flow control and measurement portfolios in the industry – a portfolio that carries respected brand names including ModMAG, Dynasonics, Blancett, and more.



**Electromagnetic Flow Meters**  
High accuracy, low maintenance



**Clamp-on Ultrasonic Flow Meters**  
Easy installation, low maintenance



**Turbine Flow Meters**  
Cost-effective, long service life



## Control. Manage. Optimize.

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