

Hydraulic Fracturing Solutions

ModMAG M1000 Meters

The M1000 electromagnetic flow meter's rugged construction and resistance to vibration make the meter ideal for truck-mounted operation for process fluid in the hydraulic fracturing industry. The meter features a non-intrusive open flow tube that virtually eliminates pressure loss, and with no moving parts to impede the flow stream, maintenance is kept to a minimum — even in harsh conditions. The M1000 also offers superior vibration resistance when mounted on vehicles. A wide selection of durable liner and electrode materials provides maximum fluid compatibility enduring performance.

Applications

- Wastewater treatment
- Flowback and produced water consumption
- Waste disposal
- Chemical mixing
- Fluid recycling

ModMAG® M1000 Specifications

- 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



ModMAG Solutions in Hydraulic Fracturing

Flow measurement is critical throughout the upstream oil and gas sector. During the exploration and drilling stages at oil and gas fields, however, accurate and dependable flow metering instrumentation is essential to ensure production is optimized.

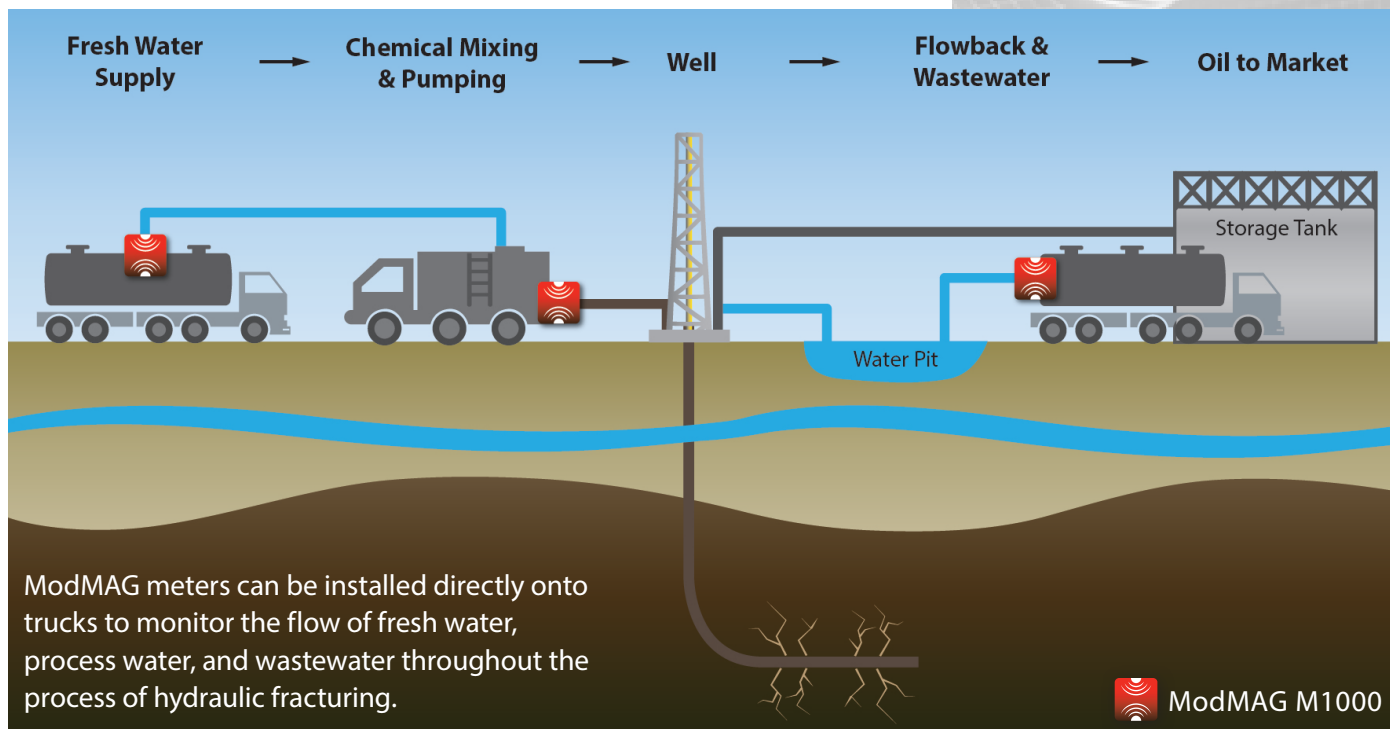
Tighter environmental regulations mean water discharges produced at oil and gas facilities can no longer simply be regarded as a waste stream. Both the quality and quantity of these streams must be monitored. ModMAG meters can help oil companies manage process water, wastewater and groundwater consumption.

ModMAG electromagnetic flow meters are ideal for these applications because of their compatibility with conductive liquids, as well as their ability to withstand operational vibration on truck-mounted, process water blending units.

ModMAG® Features

- Non-intrusive, open flow tube design
- Corrosion-resistant liners for long life
- Remote or meter mounted amplifier
- SCADA-ready outputs
- NEMA 4X (IP66) & NEMA 6P (IP67) enclosure options
- NSF approved
- Bi-directional flow measurement

On-Truck Applications



Control. Manage. Optimize

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