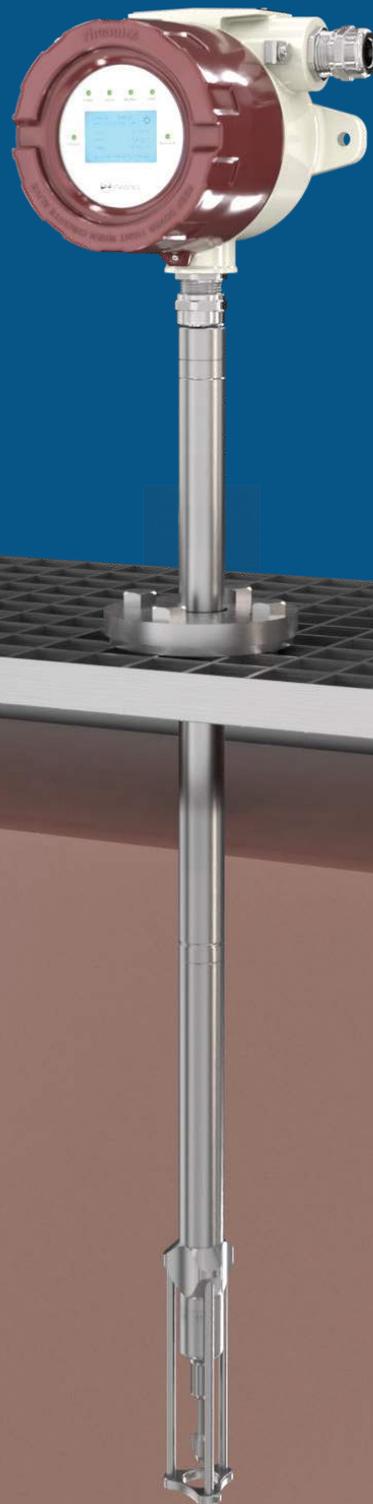




Rheonics MudSense

Monitor and ensure your
drilling mud integrity



Transform your drilling operations with the **Rheonics MudSense sensor**. This innovative 3-in-1 inline meter provides essential, real-time data on density, viscosity, and temperature, specifically built to master the harsh demands of continuous well drilling in the oil and gas industry.

Enhancing Well Drilling Safety and Efficiency with **Real-Time Drilling Mud Sensor**

Industry Needs

Enhancing Operational Safety & Well Control

Maximizing Efficiency & Reducing NPT

Optimizing Operational & Material Costs

Maintain Drilling Mud Integrity

Value Proposition of MudSense

Real-Time Density and Viscosity

Drilling Mud Benefit

Proactive Mud Weight Control

Broader Impact

Enhanced Well Control reduced risk of kicks or lost circulation.

All-Metal, Robust Design

Resists Abrasion/Corrosion

Minimal maintenance and extended lifespan in extreme environments.

Compact, Inline Installation

Direct measurements in pipes and tanks

Seamless integration into existing drilling rig infrastructure with simple, low-cost installation.



Benefits



Reliable Continuous Data



Enhanced Safety & Control



Operational Cost Reduction



Enhances surface logging

Installation for drilling mud monitoring

Drilling Mud Tank or Vessel Installation



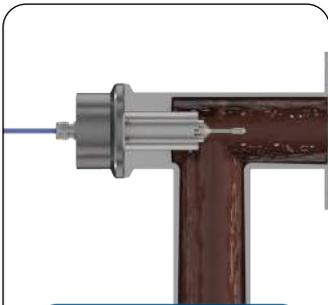
TMA-34N Tank Mount Adapter



Teletube line

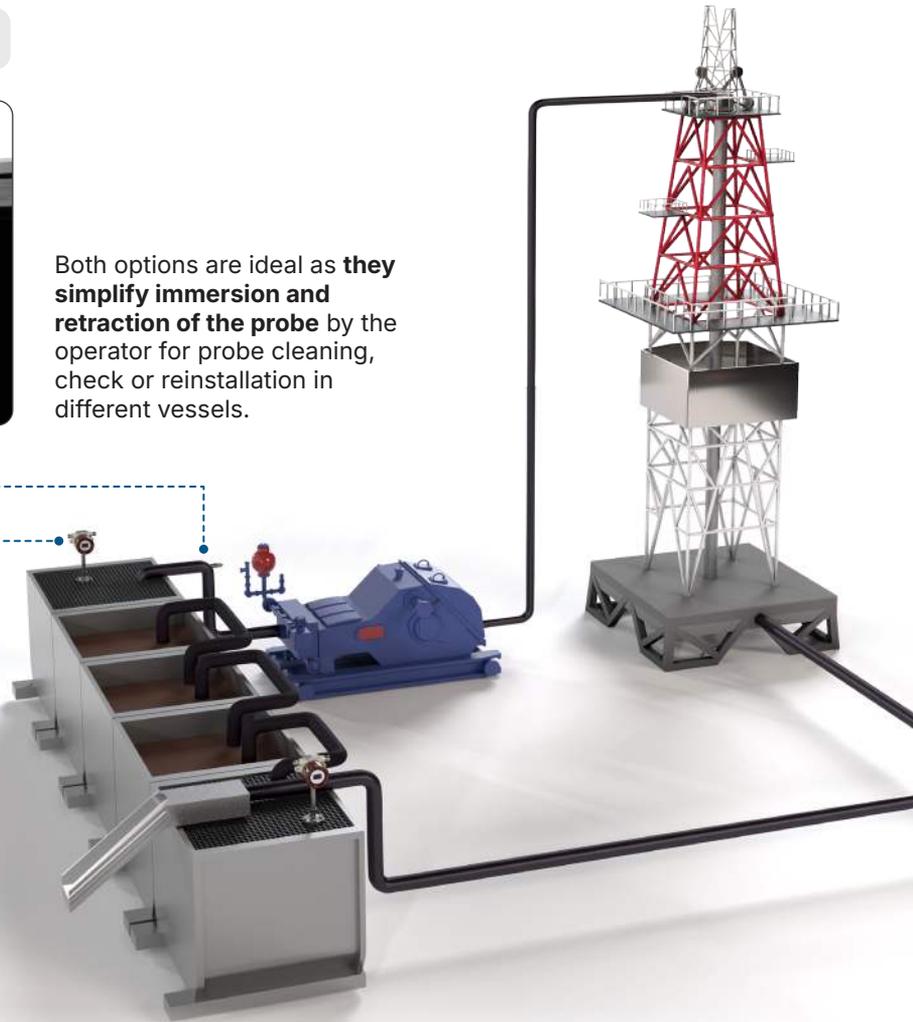
Both options are ideal as **they simplify immersion and retraction of the probe** by the operator for probe cleaning, check or reinstallation in different vessels.

Suction Line Installation



SRV sensor in elbow

Recommended installation is to place the sensor in an elbow with the sensing element against the flow direction



Recommended Sensor



Rheonics
SRD

Density Range

0.0 - 4.0 g/cc
0.0 - 33.4 lb/gal

Density Accuracy

0.001 g/cc
0.008 lb/gal

Reproducibility

Better than 0.1% of reading

Material (Wetted parts)

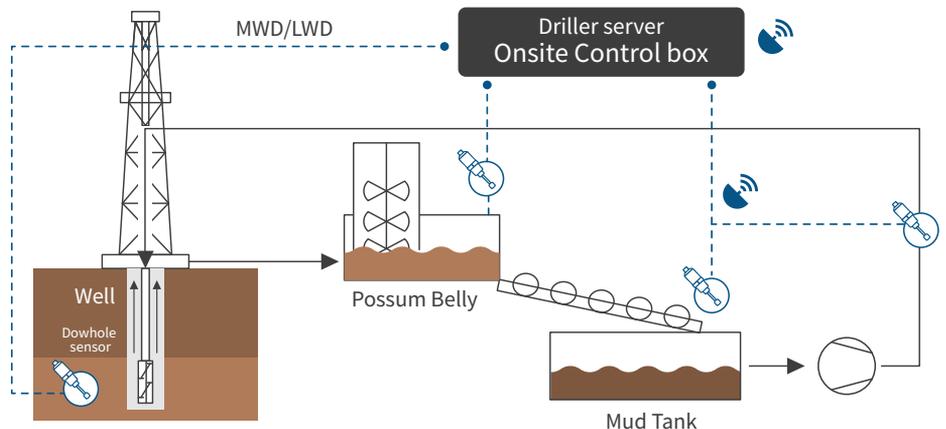
Stainless steel 316L
Hastelloy C22

Temperature

Pt1000 (DIN EN 60751 class B)

Data Integration

SME Electronics runs multiple communication protocols natively





rheonics

Ready to take advantage of real-time mud monitoring?

**Scan to know more about Drilling
Mud Monitoring and Control**



rheonics

✉ info@rheonics.com

☎ +41 52 511 3200

