

# Mud Logging Equipments

## Conductivity Sensor



- ◆ Applicable: liquid
- ◆ Key components: Rosemount products
- ◆ Measuring range: 0~300ms/cm (range optional)
- ◆ Output signal: 4~20mA
- ◆ Working voltage: 24VDC
- ◆ Explosion-proof level: EExin II cT4

## Density Sensor



- ◆ Working voltage: DC 12~45V
- ◆ Measurement range: 0.9~2.70g/cm<sup>3</sup>
- ◆ Operating temperature: -40℃~+85℃
- ◆ Output signal: 4~20mA current (current type)

## Temperature Transducer



- ◆ Working voltage: 24V
- ◆ Scope of application: Drilling mud fluid at the inlet and outlet
- ◆ Measuring range: 0~100℃
- ◆ Insertion depth: >160mm
- ◆ Output signal: 4~20mA current (current type)

## Ultrasonic Sensor



- ◆ Connection: two-wire system
- ◆ Mode of operation: Ultrasonic
- ◆ Working temperature: -40℃~+60℃
- ◆ Measuring range: 0.25~5m
- ◆ Output signal: 4~20mA current (current type)

## Torque Transducer



- ◆ Measuring range: 0~1000A
- ◆ Working voltage: 24VDC
- ◆ Working temperature: -25℃~+60℃
- ◆ Linearity: better than 0.1%
- ◆ Output signal: 4~20mA

## Pressure Transducer



- ◆ Range: 0~7MPa, 40~60MPa, 60~70MPa
- ◆ Applicable temperature: -40℃~+85℃
- ◆ Working voltage: 18~36VDC
- ◆ Output signal: 4~20mA
- ◆ Linearity: better than 25%