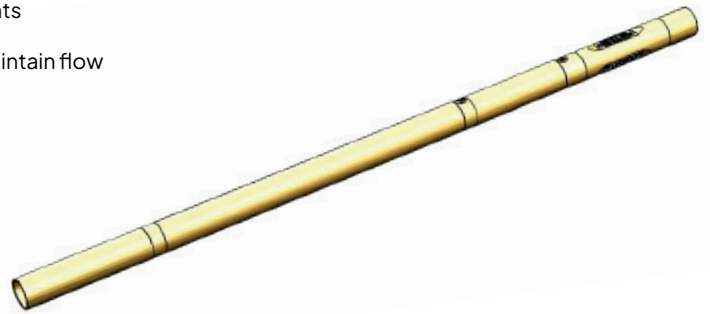


Slick-HT™

Slick-HT is an ultra-high-temperature rotary shear valve servo pulser designed to deliver reliable, high-performance telemetry in extreme downhole environments up to 200°C.

Features:

- Operates in temperatures up to 200°C
- Rotary shear servo valve for high-performance pulse generation
- Exceptional performance in high solids and high LCM environments
- Minimizes pressure loss through the servo module
- Wiping and cutting valve action to prevent debris buildup and maintain flow
- High-torque magnetic coupling
- Decreases frictional losses in the drive train
- Available in dual port and quad port configurations
- Multiple connector/interface options (including Kintec, LEMO, MDM)
- Integrated with high-temperature control electronics



Benefits:

- Delivers reliable performance in extreme high-temperature environments
- Maintains signal quality with sharper, cleaner pulse generation
- Reduces risk of corrosion, erosion, and fluid or gas invasion
- Enhances operational efficiency with optimized pressure and force transfer
- Offers flexibility for different drilling conditions and tool configurations
- Lowers overall operating costs through increased reliability and longevity

Specifications

Nominal length	46.9" (1191.26mm) with kintec connector
Housing o.d.	1.875" (47.6 mm)
Operating voltage range	10–40VDC (20–35V recommended)
Power consumption	~5mA standby, ~125mA*s/pulse @ 28V (~3.5 joules/pulse)*
Operating temperature	32° to 392°F (0° to 200°C)
Shock rating	1000g, 0.5ms, ½ sine, 10 times, all three axes
Vibration rating	5–30Hz@1in double amplitude, 30–500Hz 20grms all axes
Pressure rating	20,000 psi (137,895kPa)
Operating pulse widths	0.375–2.000 s with dual port option 0.188–2.000 s with quad port option
Flow switch	Integrated two axis, solid state with high configurability. three axis option available
Memory	4kB of EEPROM for configuration and statistical data logging