

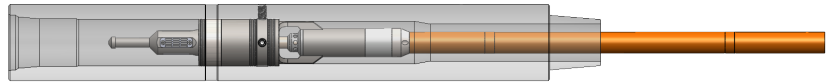
Argus™

Top Mount Pulsar

Argus is Rime's patented top mount pulsar solution designed to provide exceptional performance in demanding drilling applications. Optimized to create large pulse amplitudes across a wide range of flow rates and mud weights, Argus allows for reliable mud pulse telemetry at very low pulse widths in deep and extended lateral drilling applications.

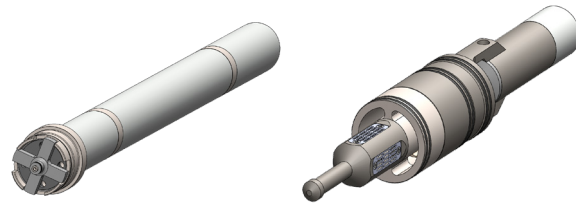
Features:

- Hydraulically assisted lifting knob style pulsar
- Patented rotary shear servo valve (also used in Slick-HD)
- High torque magnetic coupling assembly
- Compatible with Rime's Pulsar Interface Box providing extensive memory logging, performance tracking, analysis and reporting capabilities
- Highly modular and compatible with Slick-HD servo pulsar, making it easy to convert from Slick-HD servo pulsar to an Argus top mount pulsar



Benefits:

- Low power requirements
- Exceptional performance and unobstructed flow through the system in the most challenging, highly contaminated environments
- Minimized pressure loss, allowing greater forces to the main valve assembly, enabling faster pulse widths at high pulse amplitudes



Specifications

Nominal length	63.55" (1614.17mm) with kintec connector
Available collar sizes	5.00", 6.75" and 8.00" (127 mm, 171.45mm and 203.2mm)
Operating voltage range	15–40VDC (20–35V recommended)
Power consumption	~3mA standby, ~125mA*sec/pulse @ 28V (~3.5 joules/pulse)
Operating temperature	32° to 347°F (0° to 175°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	0.188–2.000 s
Flow switch	Integrated three axis, solid state with high configurability
Memory	8MB non volatile memory with event and statistical data logging