Schneider Electric Rod Pump Control Solutions
Improving reliability and increasing efficiency

Make the most of your energy℠
Improving reliability and energy efficiency through rod pump control ...

... can enhance the profitability of old and new wells alike by helping to lower maintenance costs and reduce downtime, while improving efficiency by automatically adjusting to the changing conditions in the well, ensuring maximum fluid recovery while minimizing mechanical wear and tear.

A global leader in energy management, Schneider Electric offers a proven rod pump solution that can enhance production (even of mature wells) through advanced extraction control which:

- Maximizes total output
- Reduces operational expenses
- Improves pump efficiency
- Extends equipment life
- Reduces risk to people and equipment
- Decreases energy consumption and waste
- Streamlines data collection, sharing, and analysis
Rod Pump Control Solutions for the Smart Oil/Gas Field

The Schneider Electric™ Rod Pump Controller (RPC) is a comprehensive well optimization solution, whether deployed as a stand-alone pumpjack controller or as part of an enterprise oil/gas field strategy, where operations like tank level management, product recovery, and transport can be controlled via remote telemetry and SCADA.

The RPC can be tailored to fit your control needs from the basic to the complex, providing timed, torque, or surface/downhole control options. Because the RPC is embedded in a variable frequency drive (VFD), the added benefits of reduced power consumption and lower equipment maintenance costs make for a complete package.

The RPC is fully automated and is configurable via personal computer, either on-site using hard-wire or secure wireless router, or remotely through Ethernet radio. One PC acting as a server in a remote location allows any other PC on the network to access the controller by simply opening a Web browser. The RPC is scalable to manage multiple rod pumps without the need for additional software.

Designed like a web page, the RPC interface software provides brilliant graphic colors and point-and-click navigation. All vital pump, motor, dynamometer card, and trend data are instantly available in real-time, or download historical cards and trends with the click of a button.

As part of an enterprise oil/gas field strategy, the RPC communicates seamlessly over remote networks and with legacy SCADA management systems.

Multiple Configurations to Meet Your Needs

Embedded option

The Schneider Electric Rod Pump Controller is available as a plug-in option for our versatile Altivar™ 71 constant-torque VFD. The RPC is embedded in the drive’s controller card, providing a smaller footprint and eliminating the need for additional controller hardware.

The RPC can be purchased in kit form, which includes the preprogrammed controller card plus all necessary sensors, cables, and mounting hardware, and is ideal for upgrading an existing Altivar 71 or for inclusion into a new drive enclosure.

For a complete solution delivered right to your door, ask about our custom RPC enclosures, featuring NEMA® 3R protection in a variety of available configurations.

Non-embedded option

Not using an Altivar 71 drive? Need rod pump control in remote locations where power is unreliable or pumpjacks are gas-driven? Ask our RPC experts about non-embedded PLC solutions and RTU base control options. Our experienced engineers are ready to assist with your every need.
Talk to Someone You Can Trust!

For over 100 years, Schneider Electric continues to set the standard as a world-class provider of reliable electrical products and services. Our expertise as the global specialist in energy management enables our industry experts to work in partnership with you to achieve optimal return on your oil/gas field assets. From pump-off control to remote monitoring; from harmonics mitigation to enterprise SCADA, we can help you improve production, reduce power consumption, and minimize downtime as you strive for complete oil/gas field optimization. We are committed to helping you meet your global needs without losing sight of your unique local and regional requirements.

For more information, visit www.schneider-electric.com/us and enter key code y420v.