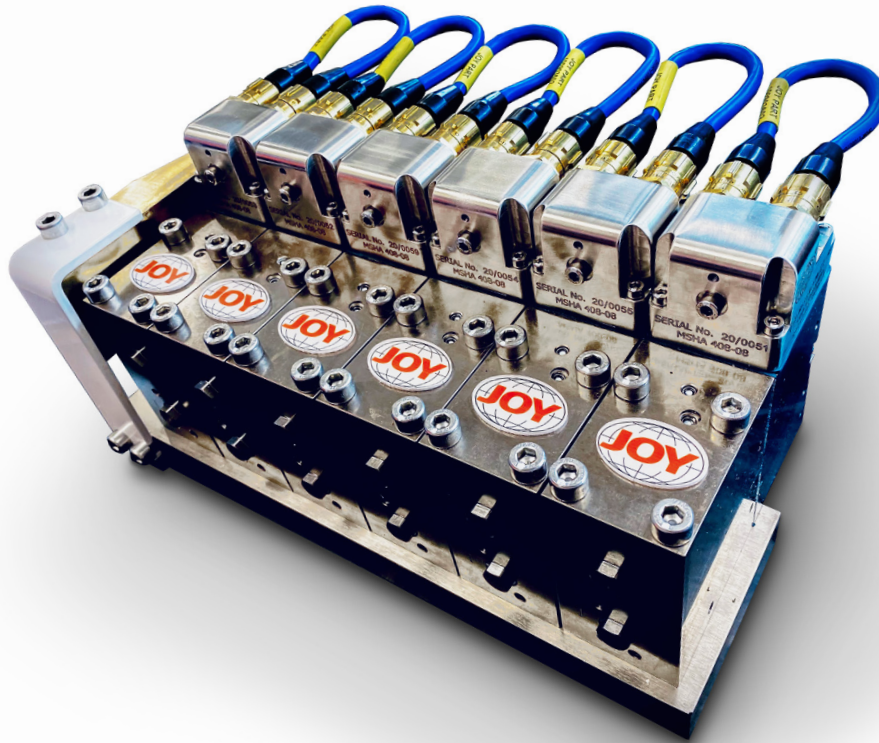


Global Dual Solenoid



The power of automation for existing longwalls is within your reach

Unlock the benefits of automation for powered roof supports (PRS) with the Global Dual Solenoid. Integration of the Global Dual Solenoid makes PRS hydraulic control systems of any brand compatible with the Joy RS20s control system, delivering advanced Komatsu automation capabilities to impact your longwall operations positively.

Quick benefits

- Upgrade any PRS electro-hydraulic control system to RS20s controls
- Utilizing RS20s PRS controls on a Joy Faceboss operating platform, including the Joy shearer and AFC, unlocks greater longwall remote operation
- Enable a Joy distributed hydraulic system with serial connectivity
- Benefit from faster support cycle times and reduced hosing with a distributed system

Quick

- Nominal 12 V DC
- Serial RS485 communications
- Nominal 350Bar working pressure

Compatible with Joy RS20s: Enables any brand PRS to be controlled by the Joy RS20s controls and Komatsu automation and remote management technology.

Drive toward automation: Automated longwall processes promote zero harm while helping increase productivity.

Integrates with existing systems: Maximize your operation using the Global Dual Solenoid to bring the advantages of automation to your current system and longwall operations.

Boost your longwall operation with advanced automation

Productivity and uptime benefits

The Global Dual Solenoid when used with the existing Joy Compak Next Gen valve technology enables roof supports to keep up with the shearer due to their larger valves and higher flows. When used with a distributed valve system fewer hoses also reduce maintenance.

Improved diagnostics

Stay informed and proactive on maintenance. The Global Dual Solenoid uses point-to-point serial communications for improved and easier fault diagnostics.

Simple to install

Serial connectivity allows for multiple devices to connect in sequence, removing the need for a solenoid driver module, which reduces the overall system component count and streamlines integration.

Easy assembly and maintenance

A simpler hydraulic end design. This thoughtful and practical design makes the Global Dual Solenoid easy to assemble and maintain.

Lower cost of ownership

The smart modular engineering behind the Global Dual Solenoid makes key components replaceable.



Discover how the Global Dual Solenoid can unlock the benefits of automation for your longwall operation. Talk to your Komatsu customer relationship manager today.

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