

Product Notice

Industrial Automation



Product: Red Lion Series PAX®2C PID Controllers

Date: March 2015

Overview:

Red Lion integrates FlexBus™ technology to its PAX®2C proportional-integral-derivative (PID) controller portfolio. By inserting field installable FlexCard™ modules, users can now populate PAX2C PID controllers in more than 150 configurations to monitor and control multiple application processes on a single display.

Red Lion's advanced PAX2C modular platform provides an easy upgrade path that enables integrators and panel builders to reduce inventory requirements while increasing application support. The solution is ideal for temperature, flow and pressure control in industries such as packaging, plastic welding, extrusion and food and beverage.

What's New?

- FlexBus Support
- New FlexCard Modules
- Multi-Zone PID Control

FlexBus Support

PAX2C PID controllers with FlexBus support offer three universal slots for module integration. FlexCard modules, which can be installed along with standard PAX option cards, offer the flexibility to quickly support application specific requirements.

New FlexCard Modules

- **Process Input/Remote Setpoint Cards:** support input of 0/4 to 20 mA to enable cascade control loops where tighter control is required
- **Heater Current Monitor Cards:** provide heater current input and can signal when the heater or heater control devices have failed before damage occurs

Multi-Zone PID Control

Red Lion's PAX2C PID controller can be used to monitor and control multi-zone PID applications with the use of FlexCard or PAX option card modules. A single PAX2C controller can now take the place of multiple traditional single PID controllers with better control and quicker communication between processes.

Materials:

- [Press Release](#)
- [Datasheet](#)
- [User Manual](#)