

F120 Flow rate Controller

The F120 single loop controller is part of the Fluidwell process controller family and has been designed to offer outstanding control performance and provide a reliable solution for a wide variety of flow control applications; such as chemical processing, plastic manufacturing and the aggregates and cement industry.

The F120 flow rate controller accepts most pulse inputs from flowmeters and has a 4 - 20mA output for controlling a valve or pump. The flow rate controller has got two control modes:

- Hand: the control output can be manually changed, there is no loop connection (manual valve control).
- Auto: the setpoint can be set and/or changed to obtain the desired flow rate.

There is a bumpless transfer between the two control modes. The F120 has got two alarm outputs available to transmit the flow rate alarm condition, 1 low and 1 high alarm output. Another important feature is the safety mode, where a contact input closure will set the control output to a predetermined safety value. After releasing the contact, the former value and function will be reinstated. The F120 extends its possibilities by using an Intrinsically Safe option in a rigid IP67 field enclosure. Fluidwell is acutely aware of the excessive amount of equipment which today's technicians need to control. For this reason, a clear user-friendly menu structure was developed for programming all Fluidwell products a number of years ago: all models are programmed in the same logical manner. With the release of the intelligent F-120 flow rate controller, Fluidwell continues to innovate towards market requirements. The F-series product range is the alternative for local control loops!

Fluidwell is an established name in innovative and original flow computers, process controllers, flow rate / totalizers, batch controllers, transmitters, indicators and monitoring systems for flow, level, pressure and temperature measurement.

When it comes to high performance standard products and solutions for safe and hazardous area applications in chemical, petroleum and food industries, Fluidwell is your first and safest choice. Your quality performance standards are guaranteed by our ISO 9001 - 2008 certification, as well as ATEX, FM, CSA c-us and IECEx certifications for the development and production of Intrinsically Safe and safe area products.

That's why dozens of OEMs already have chosen for Fluidwell!

For more information: <http://www.fluidwell.com> or sales@fluidwell.com