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# PRESS RELEASE F124

## 2008 – June: F124 Ratio Controller

The F124 ratio controller is a high-stability instrument designed for demanding ratio control applications, such as required in chemical dosing, water treatment, chlorination, mixing vessels, waste incinerators and gas furnace control. The F124 will show a strong influence of maintaining a good and constant quality of products and saves money on the blending components.

The ratio controller accepts most pulse inputs from flowmeters and has a 4 - 20mA output for controlling a valve or pump. The F124 has two digital outputs available to transmit the high and low ratio alarm condition. The instrument incorporates a safety mode, where a contact input closure will set the control output to a predetermined safety value. There are three operation modes:

- **Hand:** the control output can be manually changed, there is no loop connection.
- **Local:** the setpoint can be set and/or changed, corresponding with the process value of flow B.
- **Ratio:** (normal operation) set the desired ratio in %, the process value corresponds with flow B/A.

There is a bumpless transfer between the three control modes. The F124 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-124 ratio controller, Fluidwell continues to innovate towards market requirements. The F-series product range is the alternative for local control loops!

Fluidwell has established a name in innovative and original contributions to the development of flow computers, process controllers, flow rate / totalizers, batch controllers, transmitters, indicators and monitoring systems for flow, level, pressure and temperature measurement. Fluidwell stands for high performance standard products and OEM solutions for safe and hazardous area applications in chemical, petroleum and food industry. Fluidwell is ISO 9001 - 2000 Certified as well as ATEX and IECEx Certified for the development and production of Intrinsically Safe and safe area products. CSA and FM certification are pending.

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