

B-Alert

Basic - Flow rate Monitor / Totalizer with alarm / pulse output



Features

- Compact design.
- Displays instantaneous flow rate, total, accumulated total and alarm messages.
- Two alarm values can be entered: low and high flow rate alarm.
- Durable IP65 (Type4) field, wall or meter mount enclosure.
- One 20mm (0.79") and two 16mm(0.63") knock-out hole cable entries.
- "Know one, know them all" configuration structure.
- Easy reading and programming with clear alphanumeric display.
- Clear 12mm(0.5") numeric digits and 7mm(0.3") alphanumeric digits.
- Bright LED backlight.
- Auto backup of settings and running totals.
- Lithium AA battery and 10 - 30V DC power supply.
- Sensor supply: 8.2V DC.

Product description

The B-Alert is a flow rate indicator and totalizer with continuous flow rate monitoring feature. It offers the facility to set one low flow rate and one high flow rate alarm value. The display shows flow rate, total, accumulated total and alarm messages. On-screen engineering units are easily configured from a comprehensive selection.

Advantages

- The B-Series is our most cost effective display but with all the benefits you may expect from a Fluidwell product: It's durable, reliable and very easy to operate. Basic with a capital B!
- Familiar easy operation with the Fluidwell "Know one, know them all" configuration structure, saving time, cost and aggravation.

Applications

- Basic flow rate monitoring with a precise calculation over the full measurement range, where re-transmission of the totalizer and monitoring of the flow rate function is required.
- The B-series offers you an economical solution for common industrial applications. Nothing more, nothing less.

Product specifications

Signal Inputs

Flowmeter Inputs

- Basic types of flowmeter signals: Namur, Reed-switch, NPN, PNP and Sine wave (coil).

Supply

Power Supply

- A single 3,6V lithium AA battery.
- 10 - 30V DC.

Sensor Supply

- 8.2V DC.

Signal Outputs

Pulse outputs

- Function: Two configurable pulse outputs according to accumulated total (e.g. a pulse every 3.25 gallons).
Frequency: User definable 100Hz (5msec) or 5Hz (100msec).
- Type: Two passive transistor output (NPN) - not isolated.

Alarm outputs

- Function: Two configurable alarm outputs for low or high flow rate alarms.
- Type: Two passive transistor output (NPN) - not isolated.

Analog outputs

- None.

Control outputs

- None.

Hazardous Area

Intrinsically Safe

- For Intrinsically Safe applications we recommend the F-Series.

Explosion Proof

- For Explosion Proof applications we recommend the E-Series.

Communication

- Modbus communication available on F1-Series products.
- HART communication is available with the F018 & E018 Flow rate Monitor / Totalizers.



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We're happy to answer any questions about our products and services.
Just send us an email or give us a call.