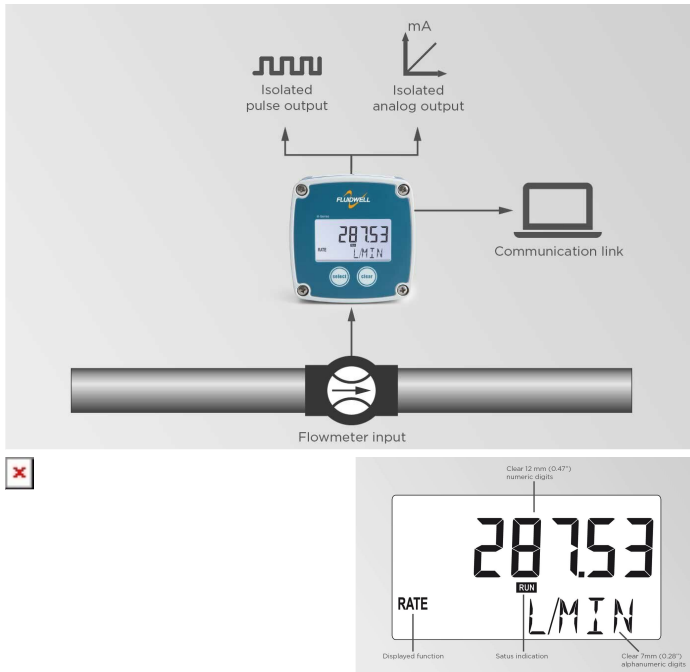


B- Connected

Basic - Flow rate Indicator / Totalizer
with Modbus communication and isolated outputs



Features

- Compact design.
- Displays instantaneous flow rate, total and accumulated total.
- Isolated analog and pulse outputs.
- Modbus RS485 communication.
- Durable IP65 (Type 4X) 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.
- Easy configurable via PC with free downloadable remote configuration tool and special communication cable (ACE06).
- Various [accessories](#) are available for this product.

Product description

The Modbus communication and isolated analog and pulse output signals make the B-Connected a dedicated flow transmitter for connection to an automation network or PLC. The display shows flow rate, total and accumulated total. The scaled pulse output re-transmits the accumulated total. The analog output re-transmits the flow rate. On-screen engineering units are easily configured from a comprehensive selection.

Advantages

- Basic flow measurement where re-transmission of the flow rate and/or totalizer functions or serial communication is required.
- 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 a connection to an automation network or PLC 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: Isolated, scaled pulse output according to accumulated total (e.g. a pulse every 3.25 gallons).
Frequency: User definable: Off, Long (5Hz/100msec), Intermediate (33Hz/15ms).
- Type: One isolated solid state output.

Alarm outputs

- None.

Analog outputs

- Function: Re-transmitting the flow rate - the output can be scaled to any range (e.g. 200 L/min to 1200 L/min).
- Type: One isolated 4 - 20mA output.

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

- Function: All process data and settings can be read and modified through the communication link.
- Protocol: Modbus RTU.
- Interface: RS485 2-wire.
- HART communication is available with the F018 Flow rate Monitor / Totalizer.



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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.