

# Batch Controllers

with easy to operate numerical keypad



## Easy, easier, easiest – N-Series!

The N-Series distinguishes itself by its userfriendly features: Numerical keypad, easy ticket printing, clear programming menu structure, easy to read display and simple mounting enclosure. The numerical keypad allows simple and fast changing of the preset batch quantity.

### Inputs

- ☑ Coil (sine-wave), Reed-switch, open collector, NPN, PNP or active 8 / 12 / 24V pulse signals.

### Outputs

- ☑ Field replaceable, heavy duty, mechanical relays (NO-NC).
- ☑ Configurable transistor output(s).
- ☑ Modbus communication or printer output.

### Applications

- ☑ The N-Series offer the perfect solution for batch control applications where a user-friendly instrument is required. Whether you focus on its clear display information, the very easy to operate numerical keypad or the easy menu-driven configuration structure, you've got to have a Fluidwell.

## Features

- ☑ Full numerical keypad.
- ☑ Easy operation to enter a batch value and to control the process.
- ☑ Easy configuration with clear alphanumeric display.
- ☑ "know one, know them all" configuration structure.
- ☑ Multiple control inputs for remote START, HOLD, RESUME, keypad lock and external alarm.
- ☑ 7 large digits (14mm, 0.56") for i.e. actual value, flow rate and total.
- ☑ 10 smaller digits (8mm, 0.3") for i.e. preset value and batch count.
- ☑ Selectable engineering units: L, m<sup>3</sup>, USGAL, IGAL, ft<sup>3</sup>, bbl, kg, Ton, lb.
- ☑ No-flow monitoring.
- ☑ Automatic overrun correction.
- ☑ Bright LED backlight.
- ☑ Receipt printer driver.
- ☑ Modbus communication option RS232 / RS485.
- ☑ Auto backup of settings and running totals.
- ☑ Power requirements: 24V DC / 110 - 230V AC.
- ☑ Sensor supply: 8.2 / 12 / 24V DC.
- ☑ Aluminum DIN size front panel of 144 x 72mm and a GRP back cover.
- ☑ Ambient temperature: -20°C to +60°C (-4°F to 140°F).

# Leaflet N-Series

User-friendly batch controllers



Count on us.

## N-Series feature overview



## Display examples



## Your benefits

### Easy to operate

The N-Series distinguishes itself from other batch controllers by its very easy to use **numerical keypad**. Selecting and entering multiple preset values with the easy to press keys is astonishingly simple.

### Easy to configure

The N-Series use the highly appreciated configuration structure of our F- and D-Series. Each setting is clearly indicated with an alphanumeric description, eliminating confusing abbreviations. Once familiar with an N-Series product, you will be able to program all models in all series without a manual. In other words: **"Know one, know them all"**.

### Clear, easy to read display

The new N-Series comes with a unique and crystal clear modern LCD display, it provides multiple batch control data simultaneously at a glance, including a graphical indication of the batch process and the relay status. The bright backlight is standard, ensuring perfect readings during day and night. The new Fluidwell N-Series takes batch controlling to a new level.

### End-of-batch receipt printing

With the N413, end-of-batch tickets can be printed automatically, manually or after a notification. Multiple reprints are easily executed on demand. Even in the unexpected event of an uncompleted batch, it is possible to print a ticket. An external printing device is necessary, which is available as accessory.



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