

D030 DIN Panel mount - Batch Controller

with one control output



Features

- Large display shows preset value and running batch value simultaneously.
- Self-learning overrun correction.
- Easy operation to enter a batch value and to control the process.
- Count-up and count-down function available.
- Selectable on-screen engineering units; volumetric or mass.
- Ability to process all types of flowmeter signals.
- Ambient temperature: -40°C to $+80^{\circ}\text{C}$ (-40°F to 176°F).
- LED backlight option.
- Easy configuration with clear alphanumeric display.
- Aluminum DIN front panel of 144 x 72mm (5.67" x 2.83") according DIN 43700 / IEC 61554.
- Various [accessories](#) are available for this product.

Product description

The D030 is a straight forward but easy-to-use panel mount batch controller. The operator can easily enter a batch quantity easily or execute repeating batches. During the batch, the preset value is displayed as well as the batched (or remaining) quantity and the units of measurement. The automatic self-learning overrun correction will ensure an accurate result each batch again.

Advantages

- Unique, robust IP66, IP67 (NEMA Type4X) panel mount front enclosure made of die cast aluminum, allowing even big jets of water and total immersion.
- Familiar easy operation with the Fluidwell "Know one, know them all" configuration structure, saving time, cost and aggravation.

Applications

- The D030 fits in one stage batch applications at low or medium flow rates with single or repeating batches.
- The D-Series is a DIN-sized display and the **better alternative** for your existing, not waterproof, front panel mount indicators in extreme weather outdoor applications or e.g. in food industries where working environments are often cleaned with powerful water jets.

Product specifications

Signal Inputs

Flowmeter Inputs

- Pulse type inputs:
Reed-switch, NAMUR, NPN/PNP pulse, Sine wave (coil), active pulse signal.
- (0)4 – 20mA.
- 0 – 10V DC.

Supply

Power Supply

- Basic: 8 - 30V DC (no real sensor supply).
- Long life Lithium battery.
- 4 – 20mA input Loop-powered.
- 24V AC/DC + sensor supply.
- 115 – 230V AC + sensor supply.

Sensor Supply

- 1.2 / 3V DC.
- 8.2, 12 & 24V DC.

Signal Outputs

Alarm outputs

- None.

Analog outputs

- None.

Control outputs

- Function: Control output for one-stage batching with active overrun correction.
- Type: One passive signal output, an active signal output or a robust, highly isolated (NO/NC) relay.

Hazardous Area

Intrinsically Safe

- For Intrinsically Safe applications we recommend the [F-Series](#).

Communication

- Modbus communication available on [F1-Series](#) products.
- 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.