



Batch Controller

The Batch Controller is a 1/8 DIN pulse input digital batch controller, compatible with various input types (NPN, PNP, TTL, switch contact, sine wave, etc.), and is specifically designed for single and multi-stage batching applications. It offers robust yet straightforward batch control capabilities, featuring:

- **Preclose Relays:** Deactivates a specific relay before the batch is completed, allowing for slower fill rates and enhanced accuracy.
- **Automatic Overrun Correction:** Ensures batch size accuracy over time and compensates for system wear.
- **User-Friendly Interface:** Intuitive front panel buttons for easy operation and menu navigation.
- With the addition of expansion module relays, the controller supports up to eight-stage batching, with each stage having an individually programmable preclose amount.
- Key features include:
- **Certifications:** UL / C-UL listed and CE marked.
- **Durability:** NEMA 4X front.
- **Power Options:** Available with AC or DC power.

Batch Controller Options

Options:

- 2 extra SPDT (Form C) relays
- 12-24 V power supply
- 4-20 mA output
- Desktop mount version

Adapters:

- Serial communication RS-232 adapter
- Serial communication RS-485 adapter
- USB adapter for flow monitoring including software
- External 4 SPST (Form A) relays

Batch Control Features

- Pulse, open collector, npn, pnp, ttl, switch contact, sine wave (coil), square wave inputs
- Start/pause/stop, change batch with front buttons
- Display batch total, rate, grand total, count or preset
- Single or multi-stage batch control (up to 8 relays)
- Automatic overrun correction
- Rate in units per second, minute, hour, or day
- Automatic or manual batch control
- Low or high flow alarms while batching
- 9 digit grand total with overflow feature
- Count up or down with each batch
- Optional sunbright display models for outdoor applications
- Onboard USB and meterview® pro programming software

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Saint-Gobain Life Sciences
Equiflow BV

Voorschakelstraat 8,
5349CC Oss,
The Netherlands

www.sensors.saint-gobain.com

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