



Batch Controller Signet 5600

- Designed to work with leading ball valve actuators
- Numerous configuration options
- User friendly menu with simple setup and operation
- Easy changeability of batch size
- Remote and “daisychain” capabilities
- Programmable security access
- Highly visible analog batch status display
- Auto-Calibration
- 1/4 DIN, NEMA 4X/IP65 enclosure

The SIGNET 5600 Batch Controller was designed specifically for simple, single function batching systems. A user-selectable menu allows easy configuration of current and relay options. One relay provides batch in-progress alarming and the other can be used for a two stage shutdown, overrun alarm, end-of-batch or missing signal alarm. The SIGNET 5600 can be combined with any SIGNET flow sensor and an appropriate actuator valve/positioner for automated batching.

Application

- Batch Processes
- Filter Backwash Initiation
- Chemical Addition
- Canning & Bottling



Specifications

Operating Range	0.5 Hz to 1000kHz, optically isolated
Power Requirements	12 to 24 VAC or 12 to 24 VDC, unregulated, 50-60 Hz, 10W max.
Display	
Analog	Reversible dial, 0 to 100% or 100 to 0%
Digital	Backlit 2 x 16 character alphanumeric LCD
Batch Size	0 to 999999 engineering units
Totalizer	8-digit resettable and non-resettable
Current Output	4 to 20 mA, non-isolated, internally powered
Loop Impedance	350Ω max. @ 12V, 950Ω max @ 24V
Accuracy	±0.1%
Configurations	Batch completion, valve control, or end of batch
Alarm Contacts	
Two SPDT relays	5A @ 30 VDC max. , 5A @ 125 VAC, or 3A @ 250 VAC
Batch	Batch in progress
Option	Two-stage shutdown, overrun alarm, end of batch pulse, missing signal alarm
Additional Functions	EOB pulse, remote start, stop, resume
Operating Conditions	
Operating Temperature	14 to 131°F
Relative Humidity	0 to 95%, non-condensing
Accuracy	±0.5% of reading
Materials	
Enclosure	ABS Plastic, NEMA 4X/IP65
Keypad	Silicone rubber
Panel and Case Gasket	Neoprene
Window	Hard-coated polycarbonate
Immunity	EN50082-2
Emissions	EN55011
Safety	EN61010-1
Quality Standards	CE

Ordering Information

ITEM	DESCRIPTION
3-5600	Batch Controller
3-5000.395	Splashproof Back Cover Kit
3-5000.598	Mounting Bracket
3-5000.399	Retrofit Adapter Kit
3-9000.392	Liquid Tight Connector Kit

