

Batch Controller for panel or wall mounting

7 batch sizes, 2 relay outputs

- Controls 7 batches automatically
- Fast fill and fine control for accuracy
- Shows both flow rate and volume

See flow sensor 8020, 8030, 8070

 (Panel version)



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FOR DATA SHEETS

8025 / SE35
Batch controller

The remote 8025 batch controller can be connected (with pulse output signal) with Burkert flowmeters Type 8020, 8030, 8070 or other flow sensor devices which emit a frequency signal. The 8025 is a batch controller with display, available in wall-mounted and panel versions:

The panel version is made up of an electronics integrated in an open housing with display. The electrical connection is carried out on the terminal blocks of the electronics board

The wall-mounted version is made up of an electronics board which is integrated in a housing with a cover and display. The electrical connection is made via the terminal blocks of the electronic board via 5 cable glands.

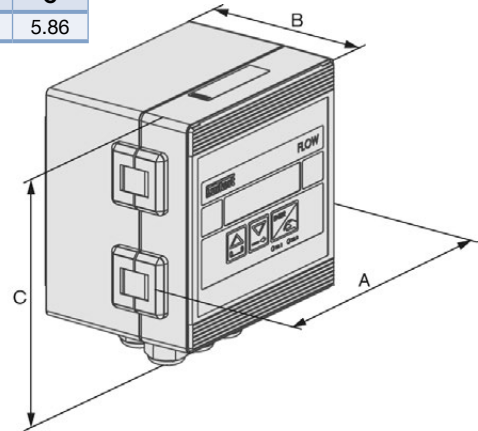
Technical data 8025

Housing material	ABS, PC* (* Panel mount version)
Front panel foil	Polyester
Screws	Stainless Steel
Cable plug / gland	PA
Ambient temperature	32 °F to 140 °F
Display	15 x 60mm, 8-digit LCD, alphanumeric, 15 segments, 9mm high
Voltage supply	12-30 VDC or 115/230 VAC, 50-60 Hz
Current consumption Max.	≤ 70 mA without consumption of inputs/outputs
Electrical Protection	Reversed polarity of DC protected
Compatibility with Burkert sensors	Any Burkert flow sensor with frequency output (8020, 8030, 8030HT, 8041, 8031, 8070, 8071)
Compatibility with other sensors	Any open collector NPN, coil, TTL, CMOS
Electrical connections	PG Cable glands
Outputs	2 relays, freely programmable, 3A, 230V
Flow input frequency	2.5 Hz up to 700 Hz
Sensor power supply	12...30, or 0...18 VDC, 100 mA Max. (24V Version); +15 V or +27V, 25 mA Max. (115V version)
Ingress protection	IP65

Envelope Dimensions [mm] (see datasheet for details)

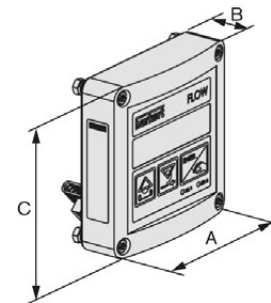
Wall Mount

A	B	C
4.96	3.54	5.86



Panel Mount

A	B	C
3.46	0.98	3.46



Ordering Chart Type 8025 Remote Batch Controller

Description	Totalizers	Relays	Connection	Item no. 12-30 V DC	Item no. 115-230 V AC
Wall mount	2	2 x 3 A	5 x PG 13.5 cable gland	433740	433741
Panel mount	2	2 x 3 A	Terminal strip	419536	-

Type SE35 Compact Batch Controller Electronic (requires S030 fitting)

Description	Voltage supply	Sensor version	Certification	Electrical connection	Item no.
Transmitter - batch controller	12...36 V DC	Hall	-	2 cable glands	443360
		Hall	UL Recognized for US and Canada	2 cable glands	564398
	115/230 V AC	Hall	-	2 cable glands	423926