EB SERIES

BATCH CONTROLLER

The FLUIDEX® EB11 is A Dual-Stage Batch Controller. It is the perfect solution for creating a streamlined and precise dispensing experience. This innovative dual-stage batch controller is designed to be mounted directly onto a FLUIDEX® flow meter or remotely, and is compatible with multiple types of industry signals. With the EB11, users can easily control the volume of fluid dispensed into their process and monitor batch status with the large 7-digit display that features back light for easy reading in all lighting conditions.

FEATURES

- Backlit LCD 7-digit display for easy reading
- Sturdy IP66/67-NEMA4X universal mount glass-reinforced nylon enclosure with rubberized buttons and polycarbonate lens
- Wide range of engineering units
- 2 digital NPN outputs with a current rating of up to 300mA, allowing for direct control of solenoid valves or connection to relays to control large valves and pumps.
- Non-volatile memory ensures data retention

SPECIFICATIONS

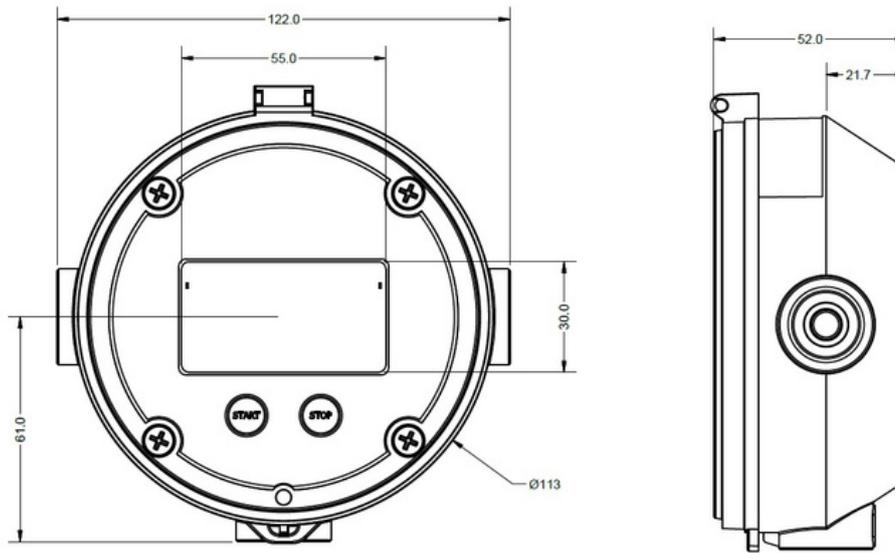| Model	EB11
Display	12 mm 7-digit batch total and 7 mm 7- digit batch preset
Input Types and Max. Frequency	Namur (4kHz), Reed-switch (120 Hz), NPN (6kHz), PNP (6kHz) and coil.
Control Output	2x 300mA NPN Open Collectors, 24V (dc)
Engineering Units	Liters, gallons, m³, lbs, kgs, or no engineering units
External Power	Field Mount: 10-30v (dc)
Temperature Range	Field Mount: -10°C - +60°C (14°F - +140°F)
Protection Class & Body	Field Mount: GRN Housing, IP66 (NEMA4X)
Mounting	Meter or stem mount, wall, surface, pipe or panel mount (1)

1. Panel mount seal kit required to maintain IP66/67 rating when separating front and rear housing for mounting

DIMENSONS

CONFIGURATION AND ORDER CODE

1		Series
	EB11	DC Powered dual stage batch controller
2		**Electrical Access**
	1	M20 x 1.5 mm female threaded conduit entry ports (sealed ports remain IP66/67 when not used)
	2	½ inch NPT female threaded conduit entry ports
3		**Flow Input Type**
	D	Digital (Pulse or Frequency)
4		**Power Supply**
	0	Self-powered (battery) or regulated 12-30V (dc)
5		**Housing Type**
	FM	Universal mount (field or panel) – GRN housing
	MM	Integral Meter Mount (GRN Housing) (To be ordered when retro fitting an instrument to OGF meters

6		Optional Remote Mounting Kits
-		Nil
-	WMK	Wall Mount Kit
-	PMK	2" Pipe Mount Kit
-	PAK	Panel Mount Seal Kit

EXAMPLE

1	2	3	4	5	-	6
EB11	1	D	0	FM	-	WMK