FLOW 38 BATCH
Industrial batch meter

It is an integration of induction flow meter in stainless steel design, due to which the meter is highly durable also in harsh environment. The electronic unit is connected with a control board for a system of relays so that they can control individual actuators in the system. The robust structure of the electronic unit allows the operator to handle it with gloves on. Also, complete control, including setting the size of an individual batch, starting and possibly its stopping with following resetting or continuation of the batch initiated. This is provided by means of intuitive and simple access to control elements of the unit and by well-arranged display with all information available to operator. The entire unit is built on the existing FLOW 38 meter and the user is provided with access to the menu of the standard flow meter, including all of the individual counters. The unit is equipped with doubled relay switches (with 250V, 10A rating) controlled by a higher-ranking FLOW 38 unit depending on the progress of the batch.

Main merits

- Industrial design
- Potentiometer for setting the batch
- Checking the ongoing batch on display
- Possibility to stop the batch instantly with subsequent completion
- Possibility to reset the batch
- Flow pulse output with a variable constant
- Usable with media with conductivity higher than 5 µS/cm
- High abrasion resistance (also flowing concrete)
- The flow sensor can be modified to very aggressive or alkaline fluids

Flow meter specification

Supply voltage	*230 V*
Instrument power consumption	*3.6 VA*
Construction	*Compact • separated*
IP code	*IP 65*
Display	*LCD 2x16 characters*
Max. permitted ambient temperature	*55˚C*
Outputs, communication	*Actuating relay output for valve* *RS 485/422*
Relay switches	*230 V/10 A*
Qmin/Qmax flow measurement range	*1:60 (standard) • 1:100 • 1:200*
Flow meter accuracy	*Accuracy 0.5%; repeatability 0.2% (in basic range)*
Sampling	*6.25 samples per second (standard)*
Controls	*Button 2x (start, stop) and potentiometer for batch size*

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