

# FLOW 32 CONTROL Measuring Unit

This measuring unit is equipped with an electronic unit for summarization monitoring of individual flow meters in the entire system. These data can be used for checking the shift personnel, measurement and drinks machine batching (e.g. milk dispensers, etc.) or for billing individual tables in a restaurant. The measured medium can be any electrically conductive fluid. The electronic unit is equipped with two control buttons and an access key. Due to this, the authorized person is selected for operation of the unit. The others may only browse. The relevancy of data is ensured by this. Furthermore, the unit is secured using an installation seal. The FLOW 32 Control itself allows setting, simple calibration or prevention from loading during sanitation (it can be set up also individually).

## Main merits

- Complete monitoring of flow in individual segments
- High variability of mechanical connection with modification according to customer
- Possibility to download data into PC (via RS485)
- Possibility to transmit data to e-mail via GSM module
- Simple operation and maintenance
- Usable with media having conductivity higher than 5  $\mu\text{S}/\text{cm}$
- High repeatability of measurement over full-scale range of flow
- High abrasion resistance

## Flow meter specification

Supply voltage - evaluating unit	15 $\pm$ 24 V DC
- measurement sensor	24 V, fed by central unit
Communication	RS 485, GSM/GPRS (e-mail, SMS)
Control unit securing	Lock and key
Sanitation mode	Possible to select it for individual flows
Box IP code	IP 54
Measurement sensor IP code	IP 54 • IP 65 • IP 67
Measuring tube internal diameter	DN 6 to DN 20
Measuring tube material	PVDF
Flowmeter repeatability	0.5%
Max. temperature of medium	90°C
Max. operating pressure	PN 25
Sensor output	Pulse • PWM
Electrode material	CrNi steel DIN 1.4571 (AISI 316 Ti) or as required (Ta, Ti, Pt)

