



Dosing Meter Flowtronic

A compact dosing unit



- Direct recording of the volume for dosing liquids
- Robust construction
- Pre-assembled and interactively tested unit
- High measuring accuracy
- Low installation costs
- Measuring range from 0.03 to 100 l / min
- Connections G 1/4 "and G 1"



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Dosing unit consisting of

- Y filter
- oval gear meter
- magnetic valve
- batch controller

Characteristics

- Measuring range 0.03 - 100 l / min
- Measurement of high viscosities (max.1000mPas)
- Temperature range: -10 °C to + 70 °C
- Highest measuring accuracy up to $\pm 0.3\%$
- Repeatability better than $\pm 0.02\%$
- No inlet and outlet section necessary

Description

- The pre-assembled and interactively tested Flowtronic metering device consists of a Y-filter, oval gear meter, batch controller and a solenoid valve.
- Due to the flexible functionality, dosing applications can be implemented in Ex areas.
- In addition to controlling the valve (two-stage shutdown possible), a pump can be switched.
- External start-stop and other inputs are available on request.

Application

Dosing meters of this type are used for filling and dosing chemical liquids such as coolants, anti-corrosion agents, anti-freeze.

Technical data

| Flowtronic | Flow l/min | Pipe thread connection |
|------------|------------|------------------------|
| 015 | 0,03 - 1 | 1/4" |
| 06 | 0,2 - 5 | 1/2" |
| 1 | 0,4 - 10 | 1/2" |
| 2 | 1 - 30 | 3/4" |
| 5 | 2 - 50 | 1" |
| 10 | 3 - 100 | 1" |

| Oval wheel meter | Material (others on request) | |
|------------------|------------------------------|-----------------|
| | Housing | Wheels |
| -AL1PK | aluminum | PEEK |
| -SS1PK | stainless steel | PEEK |
| -SS1SS | stainless steel | stainless steel |
| Y filter | stainless steel | |
| magnetic valve | stainless steel | |

Batch controller

| | |
|--|-----------------------------|
| Output | Two-stage control / impulse |
| Signal input | Impulse |
| Supply voltage: 24VDC, 230VAC 50 Hz others on request | |



Ex version optional (with isolating switching amplifiers)