

Flow measurement with volume preselection - TS

for non inflammable liquids



Flow meters type VA10 in PURE-version are optionally available for the food-, cosmetics and pharmaceutical industry.

| Technical data | Type ST10 / RM10 230 V | Type SL10 / RM10 230 V | Type VA10 / RM10 230 V |
|--------------------------|--|---|---|
| Range of use | Neutral liquids like water, mineral oils. | Abrasive liquids like acids and alkalis. | Many acids, alkalis and other medias. |
| Flow volume | min. 10 – max. 100** l/min. | min. 10 – max. 100** l/min. | min. 10 – max. 100 l/min. |
| Temperature | 60 °C | 60 °C | 80 °C |
| Viscosity | 2.000 mPas | 2.000 mPas | 5.000 mPas |
| Operating pressure | 4 bar | 4 bar | 10 bar |
| Accuracy | ± 1% standard < 1% with adjustment to application conditions | ± 1% standard < 1% with adjustment to application conditions | ± 1% |
| Inlet port | G 2 outer thread to fit connector with union nut | G 2 outer thread to fit connector with union nut | G 1 1/4 outer thread |
| Outlet port | G 1 1/4 outer thread | G 1 1/4 outer thread | G 1 1/4 outer thread |
| LCD display | Touch-Screen 63x63 mm, 128x128 pixels, Display sub-total and total volume can be reset | | |
| Menu language | DE, GB, ES, FR, IT, NL, PT, RU | | |
| Materials: | | | |
| Housing | PPO | PPO | Stainless steel (1.4581/1.4571)* |
| Measuring chamber | PPO/PPS | PPO/PPS | Stainless steel (1.4581/1.4571) ETFE/PTFE |
| Seals | FPM | FPM | FEP |
| Magnet | BaFe / PA / Stainless steel 1.4401 | PPS encapsulated | PTFE encapsulated |
| Protection class | IP 55 | IP 55 | IP 55 |
| Weight | 1,6 kg | 1,6 kg | 4,1 kg |
| Relay module RM10 | | | |
| Voltage | 220-230 V | | |
| Frequency | 50-60 Hz | | |
| Switching outputs | 2 NO (potentially bound) | | |
| Output 1 (pump) | 8 A, cos > 0,7 | | |
| Output 2 (valve) | 0,5 A | | |
| Order No. | 0231-001 | 0231-011 | 0231-041 |

* Special materials on request General information to the chemical resistance of the different flow meters you will find in our chemical resistance list.
 **Short-time 120 l/min.