

Flow measurement without volume preselection - TS

for non flammable liquids



Flow meter type VA I in physiologically safe version (PU). The flow meters are mainly used in the food-, cosmetics- and pharmaceutical industry. Additional costs see price list.

| Technical data | Type ST | Type SL | Type VA I |
|--------------------------------|---|---|---|
| Range of use | Neutral liquids like water, mineral oils | Abrasive liquids like acids and alkalis | Many acids, alkalis and other liquids |
| Flow volume l/min. | min. 10 – max. 120 | min. 10 – max. 120 | min. 10 – max. 100 |
| Temperature °C | 60 | 60 | 80 |
| Viscosity mPas | 2,000 | 2,000 | 5,000 |
| Operating pressure bar | 4 | 4 | 10 |
| 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 | 19 mm character height, 6-digit display, individual and total volume reset possible | 19 mm character height, 6-digit display, individual and total volume reset possible | 19 mm character height, 6-digit display, individual and total volume reset possible |
| Materials | | | |
| Housing | PPO | PPO | Stainless steel (1.4581)* |
| Measuring chamber | PPO/PPS | PPO/PPS | Stainless steel / ETFE / ETFE |
| Seals | FPM | FPM | FEP |
| Magnet | BaFe / PA / Stainless steel 1.4401 | PPS encapsulated | ETFE encapsulated |
| Method of explosion protection | IP 54 | IP 54 | IP 54 |
| Weight kg | 1.0 | 1.0 | 3.6 |
| Order No. | 0212-101 | 0212-201 | 0212-501 |

* Special materials on request. General information to the chemical resistant of the different flow meters you will find in our chemical resistant list (chapter 06 pages 233-249).