

# Flow measurement with 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 / RM 1 230 V	Type SL / RM 1 230 V	Type VA I / RM 1 230 V
Range of use	Neutral liquids like water, mineral oils.	Abrasive liquids like acids and alkalis.	Many acids, alkalis and other medias.
Flow volume 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	1.4	1.4	3.9
<b>Relay module RM 1</b>			
Voltage V	220-240		
Frequency Hz	50-60		
Switching outputs	2 NO (potentially bound)		
Output 1 (pump)	4 A, cos > 0.7		
Output 2 (valve)	0.5 A		
<b>Order No.</b>	<b>0212-121</b>	<b>0212-221</b>	<b>0212-521</b>

\* 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).