

Flow measurement without volume preselection - TSB

for highly inflammable liquids



Technical data	Type LM	Type UN	Type VA I
Range of use	Solvents and other easily inflammable liquids, oils and neutral liquids.	Solvents and easily inflammable liquids, most of acids and alkalis.	Nearly all solvents and easily inflammable liquids. Many acids, alkalis and other liquids.
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	60 °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	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	PPS	PPS	Stainless steel (1.4581/1.4571)*
Measuring chamber	LCP	LCP	Stainless steel (1.4581/1.4571) ETFE/PTFE
Selas	FEP	FEP	FEP
Magnet	BaFe / MS / Stainless steel 1.4401	PPS encapsulated	PTFE encapsulated
Type of protection:			
Operating unit	II 2G Ex ib IIB T4	II 2G Ex ib IIB T4	II 2G Ex ib IIB T4
Basic flow meter	II 2G T4 Gb	II 2G T4 Gb	II 2G T4 Gb
Protection class	IP 54	IP 54	IP 54
Weight	1,0 kg	1,0 kg	3,6 kg
Order No.	0212-302	0212-402	0212-502

* 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.