

Flow measurement without volume preselection - TS

for highly flammable 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 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	PPS	PPS	Stainless steel (1.4581)*
Measuring chamber	LCP	LCP	Stainless steel / ETFE / ETFE
Seals	FEP	FEP	FEP
Magnet	BaFe / MS / Stainless steel 1.4401	PPS encapsulated	ETFE encapsulated
Identification			
Operating unit	II 2 G EEx ib IIA T4	II 2 G EEx ib IIA T4	II 2 G EEx ib IIA T4
Basic flow meter	II 2 G T4	II 2 G T4	II 2 G T4
Protection type	IP 54	IP 54	IP 54
Weight kg	1.0	1.0	3.6
Order No.	0212-302	0212-402	0212-502

* 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).

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