

# FSFV-PVC-T

Liquid density: 1.33 Kg/l - 20°C - BSP socket threaded unions

Float: AISI 316 Stainless Steel

These flowmeters operate according to the variable area principle, where a float is suspended in upward flowing media in a tapered plastic tube. The vertical position of the float within the metering tube depends on the flowrate of the media. The metering tube is graduated in suitable flow units and the reading is taken in correspondence with the top edge of the float. Versions for liquids and gases are available, providing accurate and cost effective measurement with scales in l/h and Nm<sup>3</sup>/h.

- Metering tubes are available in Trogamid (PA) suitable for most inert media, PVC-U suitable for slight corrosive media and Polysulfone (PSU) suitable for corrosive media on an extended operating temperature range. End connectors available in PVC-U, PVC-C, PP, SS, Malleable Cast Iron. Male threads moulded onto the end of the metering tube are used for easy mounting of unions. Standard unions are in PVC-U but others are available according to the different working conditions; Metal unions widen the range of operating conditions such as pressure and temperature. The floats are available in AISI 316 Stainless Steel and in PP to match the proper chemical compatibility with the flow medium and to offer different measuring ranges. Magnetic Float option is available to be combined with micro switches for MIN and MAX alarm, clamped on the guide of the flowmeter. The micro switches, housing a bistable reed contact are activated by the passage of the magnet incorporated into the float. Flowmeters body are equipped with a double guide allowing the installation of two alarm in a very close position. Double scale option available for specific application requirements to customize measuring units for an easy conversion or comprehension of the flow rate values.
- Wide choice of measuring scales: water scale from 1,5 to 50.000 l/h, HCl scale from 1,4 to 23.000 l/h, NaOH 30% scale from 0,25 to 43.000 l/h, NaOH 50% scale from 0,025 to 40.000 l/h, Air scale from 0,025 to 500 Nm<sup>3</sup>/h • Wide choice of end connections available in PVC-U, PVC-C, PP-H, AISI 316 SS, Carbon Steel • Eight different diameters • Three different plastic tube materials: PA, PVC and PSU • Float materials available in SS and PP, with or without magnet • High level of accuracy: FS accuracy class 2,5; FC accuracy class 4 • Simple operation and very limited maintenance. • Other engineering units like LPM, m<sup>3</sup>/h or % together with double scales and special scales are available on request.



Reference	R	Flow rate range for NaOH 30% [l/h]	B	E	C
FSFV034T3X0125	3/4"	6 - 125	397	350	356
FSFV034T3X0240	3/4"	10 - 240	397	350	356
FSFV034T3X0425	3/4"	25 - 425	397	350	356
FSFV034T3X0725	3/4"	35 - 725	397	350	356
FSFV100T3X0240	1"	10 - 240	401	350	356

All information subject to change.

Please contact us on <https://www.aliaxis.co.uk/get-in-touch> for further informations



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Reference	R	Flow rate range for NaOH 30% [l/h]	B	E	C
FSFV100T3X0420	1"	20 - 420	401	350	356
FSFV100T3X0700	1"	25 - 700	401	350	356
FSFV100T3X1200	1"	50 - 1200	401	350	356
FSFV112T3X1700	1"1/2	100 - 1700	413	350	356
FSFV112T3X3000	1"1/2	200 - 3000	413	350	356
FSFV112T3X3700	1"1/2	200 - 3700	413	350	356
FSFV114T3X1150	1"1/4	50 - 1150	406	350	356
FSFV114T3X1900	1"1/4	100 - 1900	406	350	356
FSFV114T3X3200	1"1/4	200 - 3200	406	350	356
FSFV200T3X3000	2"	100 - 3000	421	350	356
FSFV200T3X4700	2"	250 - 4700	421	350	356
FSFV200T3X8500	2"	500 - 8500	421	350	356
FSFV212T3X0012	2"1/2	1000 - 12000	444	350	356
FSFV212T3X0043	2"1/2	8800 - 43000	444	350	356
FSFV212T3X0165	2"1/2	1500 - 16500	444	350	356

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