

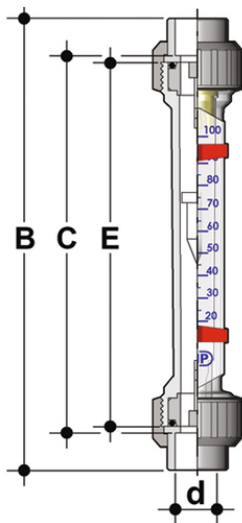
# FCIV-Polysulfone+magnet

Liquid density: 1kg/l 20 °C - ISO Metric socket unions

Float: PP (Polypropylene) red + Magnet

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 Stainless Steel AISI 316 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	D	Flow rate range for H <sub>2</sub> O [l/h]	B	E	C
FCIV016P1M0015M	16	1,5 - 15	199	165	171
FCIV016P1M0020M	16	2 - 20	199	165	171
FCIV016P1M0050M	16	5 - 50	199	165	171
FCIV016P1M0100M	16	10 - 100	199	165	171
FCIV016P1M0150M	16	15 - 150	199	165	171

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	D	Flow rate range for H <sub>2</sub> O [l/h]	B	E	C
FCIV020P1M0025M	20	2 - 25	208	170	176
FCIV020P1M0050M	20	5 - 50	208	170	176
FCIV020P1M0100M	20	10 - 100	208	170	176
FCIV020P1M0150M	20	15 - 150	208	170	176
FCIV020P1M0200M	20	20 - 200	208	170	176
FCIV020P1M0320M	20	30 - 320	208	170	176
FCIV025P1M0080M	25	8 - 80	229	185	191
FCIV025P1M0150M	25	15 - 150	229	185	191
FCIV025P1M0200M	25	20 - 200	229	185	191
FCIV025P1M0350M	25	30 - 350	229	185	191
FCIV025P1M0650M	25	50 - 650	229	185	191
FCIV032P1M0200M	32	20 - 200	250	200	206
FCIV032P1M0300M	32	30 - 300	250	200	206
FCIV032P1M0600M	32	60 - 600	250	200	206
FCIV032P1M1000M	32	100 - 1000	250	200	206

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