

# FCIV-PVC-T

Float: PP (Polypropylene) red



Reference	tooltiplmage	system	Category	family	series	d	Flow rate range for \$ HCl 30 - 33% [l/h]	B	E	C
FCIV016T2M0014	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCl 30-33% SCALE - PP float	16	1,4 - 14	199	165	171
FCIV016T2M0018	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCl 30-33% SCALE - PP float	16	2 - 18	199	165	171
FCIV016T2M0045	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCl 30-33% SCALE - PP float	16	5 - 45	199	165	171
FCIV016T2M0090	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCl 30-33% SCALE - PP float	16	10 - 90	199	165	171
FCIV016T2M0140	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCl 30-33% SCALE - PP float	16	14 - 140	199	165	171
FCIV020T2M0023	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCl 30-33% SCALE - PP float	20	2 - 23	208	170	176
FCIV020T2M0045	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCl 30-33% SCALE - PP float	20	5 - 45	208	170	176
FCIV020T2M0090	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCl 30-33% SCALE - PP float	20	10 - 90	208	170	176
FCIV020T2M0140	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCl 30-33% SCALE - PP float	20	14 - 140	208	170	176



# FCIV-PVC-T

Reference	tooltiplmage	system	Category	family	series	d	Flow rate range for \$ HCI 30 - 33% [l/h]	B	E	C
FCIV020T2M0185	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	20	19 - 185	208	170	176
FCIV020T2M0300	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	20	30 - 300	208	170	176
FCIV025T2M0075	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	25	7,5 - 75	229	185	191
FCIV025T2M0140	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	25	14 - 140	229	185	191
FCIV025T2M0185	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	25	19 - 185	229	185	191
FCIV025T2M0325	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	25	30 - 325	229	185	191
FCIV025T2M0600	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	25	45 - 600	229	185	191
FCIV032T2M0185	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	32	19 - 185	250	200	206
FCIV032T2M0280	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	32	28 - 280	250	200	206
FCIV032T2M0550	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	32	55 - 550	250	200	206
FCIV032T2M0900	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Solvent Welding Connection	HCI 30-33% SCALE - PP float	32	90 - 900	250	200	206



## FCIV-PVC-T

- 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.