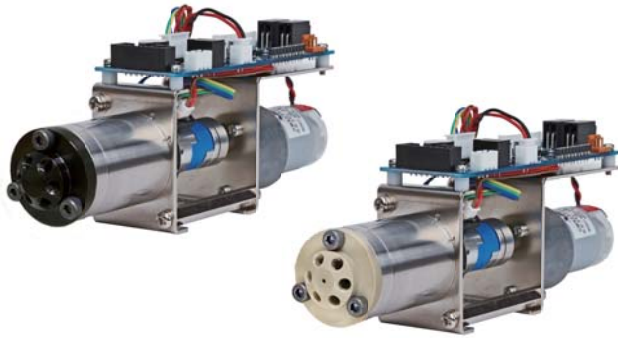
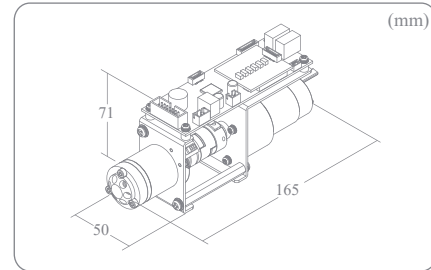


Automatic Switching Valves <OEM> Auto Valve Unit VA-21A Series



Dimensions



Valve Drive

Part Name	Auto Valve Unit
Part Number	VA-21A
Drive	DC Gear motor drive
Switching Modes	2 position switching, Rotary switching
Switching Speed	0.5 sec (when switching 60°)
Remote Control	Input: Position change, Set, Reset Output: Position, Error
Communication	RS232C , RS485 (between FLOM devices)
Power	DC 24 V , MAX 50 W
Weight*	Approx. 0.8 kg

*Weight given is only one example. Actual weight depends on the valvehead installed.

Valveheads (Contact Flom if you need valveheads with specs not shown in the graph below.)

Part Number	Type	Path Position	Max Pressure	Wetted Material	Tube OD	Thread Size	Path Diameter
VA-21A-601	6 Port 2 position		40 MPa (5800 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.25 mm (0.010")
VA-21A-602			30 MPa (4350 psi)	PEEK , Ceramic	1/16"	No.10-32UNF	0.25 mm (0.010")
VA-21A-603			40 MPa (5800 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-604			30 MPa (4350 psi)	PEEK , Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-605			20 MPa (2900 psi)	SUS , PEEK	1/16"	No.10-32UNF	1.0 mm (0.039")
VA-21A-606			20 MPa (2900 psi)	PEEK , Ceramic	1/16"	No.10-32UNF	1.0 mm (0.039")
VA-21A-607	4 Port 2 position		5 MPa (725 psi)	SUS , PEEK	3.0 mm or 1/8"	M8×1.25	2.0 mm (0.079")
VA-21A-608			5 MPa (725 psi)	PEEK , Ceramic	3.0 mm or 1/8"	M8×1.25	2.0 mm (0.079")
VA-21A-609	2 Port selection		40 MPa (5800 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-610			30 MPa (4350 psi)	PEEK , Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-611	4 port Rotary		40 MPa (5800 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-612			30 MPa (4350 psi)	PEEK , Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-613	6 port Rotary		5 MPa (725 psi)	SUS , PEEK	3.0 mm or 1/8"	M8×1.25	2.0 mm (0.079")
VA-21A-614			5 MPa (725 psi)	PEEK , Ceramic	3.0 mm or 1/8"	M8×1.25	2.0 mm (0.079")
VA-21A-615	12 port Rotary		40 MPa (5800 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-616			30 MPa (4350 psi)	PEEK , Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-617	8 port 2 position		40 MPa (5800 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-618			30 MPa (4350 psi)	PEEK , Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-619	6 Port 2 position		5 MPa (725 psi)	SUS , PEEK	3.0 mm or 1/8"	M8×1.25	2.0 mm (0.079")
VA-21A-620			5 MPa (725 psi)	PEEK , Ceramic	3.0 mm or 1/8"	M8×1.25	2.0 mm (0.079")
VA-21A-621	8 port Rotary		20 MPa (2900 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-622			20 MPa (2900 psi)	PEEK , Ceramic	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-623	12 port 2 position		35 MPa (5075 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-624			35 MPa (5075 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.5 mm (0.020")
VA-21A-627	6 Port 2 position		35 MPa (5075 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.25 mm (0.010")
VA-21A-628			40 MPa (5800 psi)	SUS , PEEK	1/16"	No.10-32UNF	0.15 mm (0.000")
VA-21A-629	6 Port 2 position		140 MPa (20305 psi)	SUS	1/16"	No.10-32UNF	0.15 mm (0.000")
VA-21A-630			140 MPa (20305 psi)	SUS	1/16"	No.10-32UNF	0.25 mm (0.010")

*SUS316 is the material used for SUS.