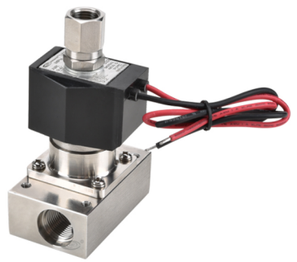
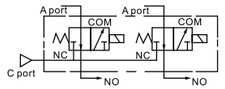
GAG Series Direct Acting Solenoid Valve



Ordering Code

GAG Series Direct Acting 3 Way Solenoid Valve

GAG31 | 1 | □ | - | 1 | - | 7 | - | D | - | AC100V

- **Type code**: 31: Common supply /individual exhaust (port C pressurization); 35: Common supply /separate flow (port C pressurization)
- **Port size**: 1: 1/8; 2: 1/4; 3: 3/8
- **Thread**: Blank: Rc; G: G; N: NPT
- **Orifice size**: 1: 1.5mm; 2: 2mm
- **Manifold station No.**: 2 to 10: 2 stations to 10 stations; 0: Actuator only
- **Seal type**: D: NBR; E: FKM; F: PTFE
- **Standard voltage**: 12 VDC, 24 VDC; 48 VDC, 100 VDC; 100 VAC, 200 VAC

* Orders for only the masking plate and sub-plate are also available. Contact VPC for details.
* For 11 or more manifold station No., contact VPC.

Specifications

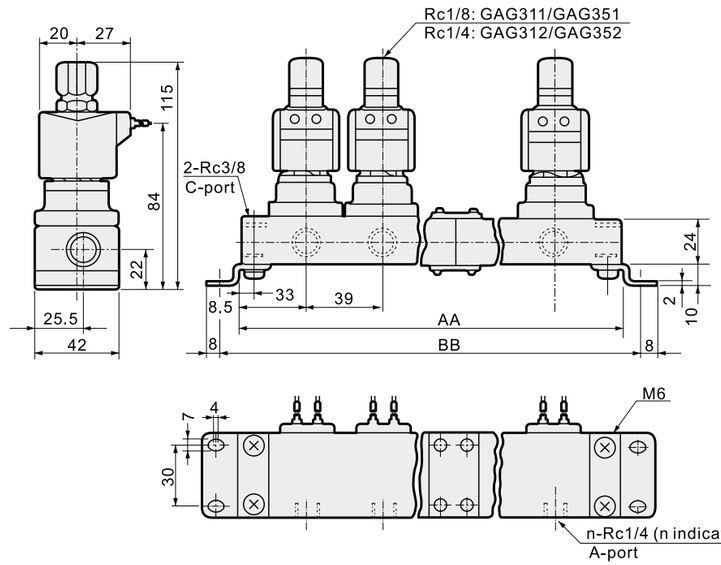
Type	Standard Specifications	Optional Specifications	
Working medium	Air/Low vacuum/Water/Kerosene/Oil	Hot water	Steam
Working pressure differential	0 to 1MPa		
Max. Working pressure	1MPa		
Proof pressure	10MPa		
Fluid temperature (No freezing)	-10 to 60℃	-10 to 90℃	-10 to 184℃
Working temperature	-20 to 60℃	-20 to 100℃	
Thermal class	Class 130 (B)	Class 180 (H)	
Atmosphere	Place free of corrosive gas and explosive gas		
Valve structure	Direct acting poppet structure		
Valve seat leakage	0.2cm³/min(ANR) or less (air)		300cm³/min(ANR) or less (air)
Mounting	Unrestricted		
Body/Seal material	Stainless steel/Nitrile rubber	Stainless steel/EPM rubber	Stainless steel/PTFE

* Refer to Max. Working pressure differential in individual specifications.

IS09001 CE
VPC PNEUMATIC®
GAG Series Direct Acting Solenoid Valve

Main Dimensions

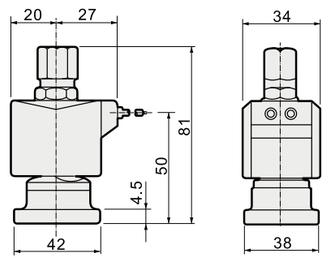
●Manifold(grommet lead wire)
GAG3**-1 to 2-2 to 10



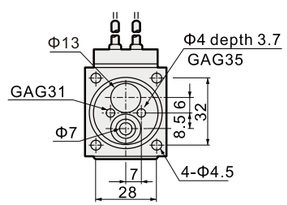
Station No.	AA	BB	Manifold configuration	Station No.	AA	BB	Manifold configuration
2	106	122	2 stations×1	7	329	345	5 stations+2 stations
3	145	161	3 stations×1	8	368	384	5 stations+3 stations
4	212	228	2 stations×2	9	435	451	3 stations×3
5	223	239	5 stations×1	10	446	462	5 stations×2
6	290	306	3 stations×2	Contact VPC for 11 stations or more.			

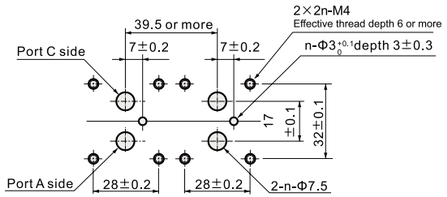
* Manifold configuration combines 2-station, 3-station and 5-station units.
* The dimensions are the same for port sizes of G and NPT threads.

●Actuator(grommet lead wire)
GAG3**-1 to 2-0



●Recommended dimensions for actuator mounting





* Machining drawing when using 2 actuators.