





Series variation

General purpose pilot operated 2 port solenoid valve

No. of port	Model		Structure	Actuation	Working fluid							
					Air	Low vacuum (1.33 x 103 Pa abs)	Water	Kerosene	Oil (50 mm ² /s or less)	Hot water	Steam	
2 port		AP11 *1	Pilot operated (Piston structure)	NC (normally closed) type	●		●	●	●		●	
		AP12 *1		NO (normally open) type	●		●	●	●		●	
		AP21		NC (normally closed) type	●		●	●	●		●	
		AP22		NO (normally open) type	●		●	●	●		●	
		AD11 *1	Pilot operated (Diaphragm structure)	NC (normally closed) type	●		●	●	●			
		AD12 *1		NO (normally open) type	●		●	●	●			
		AD21		NC (normally closed) type	●		●	●	●			
		AD22		NO (normally open) type	●		●	●	●			
		APK11	Pilot kick type (Piston kick drive)	NC (normally closed) type	●	●	●	●	●*2		●	
		APK21		NC (normally closed) type	●	●	●	●	●*2		●	
		ADK11	Pilot kick type (Diaphragm structure)	NC (normally closed) type	●	●	●	●	●	●		
		ADK12		NO (normally open) type	●	●	●	●	●	●		
		ADK21		NC (normally closed) type	●	●	●	●	●			

*2: 20 mm²/s or less for APK11/12 Series.

	Port size											Page
	Rc1/4	Rc3/8	Rc1/2	Rc3/4	Rc1	Rc1 1/4	32 flange	Rc1 1/2	40 flange	Rc2	50 flange	
	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*3}							228
	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*3}							228
						●	●	●	●	●	●	238
						●	●	●	●	●	●	238
	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*4}							248
			● ^{*3}	● ^{*3}	● ^{*4}							248
						●	●	●	●	●	●	258
						●	●	●	●	●	●	258
	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*3}							268
						●	●	●	●	●	●	276
	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*3}	● ^{*3}							282
			● ^{*3}	● ^{*3}	● ^{*3}							282
						●	●	●	●	●	●	294

*3: Refer to each How to order column for the thread types.

Refer to page 222 for details on the coil system.

HNB/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/ AD
APK/ ADK
For dry air
Explosion proof
HVB/ HVL
SAB/ SVB
NP/NAP/ NVP
CHB/G
MXB/G
Other G.P. systems
PD/FAD/ PJ
CVE/ CVSE
CPE/ CPD
Medical analysis
Custom order

General purpose valve
Pilot operated/Pilot kick type 2 port solenoid valve