

Solenoid Valve (A3V1 A3V2 A3V3 Series)

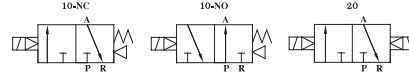


Ordering Code

A3V	1	10	-	06	-	NC	-	AC110V	-	EX-P
Model	Code	Valve type	Port size	Acting type	Voltage	Explosion proof coil				
A3V : 3 port 2 position solenoid valve	1 : 100 series 2 : 200 series 3 : 300 series	10 : Single solenoid 20 : Double solenoid	06 : 1/8" 08 : 1/4" 10 : 3/8"	NC : Normally closed NO : Normally open*	DC12V DC24V AC24V AC110V AC220V AC250V	50/60Hz 50/60Hz 50/60Hz 50/60Hz 50/60Hz		DC24V AC110V AC220V		50/60Hz 50/60Hz 50/60Hz

* Only single solenoid type has this specification

Symbol



Specifications

Model NO		A3V110-06	A3V120-06	A3V210-06	A3V220-06	A3V210-08	A3V220-08	A3V310-08	A3V320-08	A3V310-10	A3V320-10
Port size (In)	inch	1/8	1/8	1/8	1/8	1/4	1/4	1/4	1/4	3/8	3/8
Port size (Out)	inch	1/8	1/8	1/8	1/8	1/4	1/4	1/4	1/4	3/8	3/8
Orifice size	mm ² (CV)	14(0.78)	14(0.78)	14(0.78)	14(0.78)	16(0.89)	16(0.89)	25(1.40)	25(1.40)	30(1.68)	30(1.68)
Valve type		10: 3/2 way single solenoid	20: 3/2 way double solenoids	10: 3/2 way single solenoid	20: 3/2 way double solenoids	10: 3/2 way single solenoid	20: 3/2 way double solenoids	10: 3/2 way single solenoid	20: 3/2 way double solenoids	10: 3/2 way single solenoid	20: 3/2 way double solenoids
Media		Air									
Action type		Internal pilot									
Pressure range	kgf/cm ²	1.50 ~ 9.00									
Fluid temperature	°C (°F)	+5 ~ +60(+41 ~ +140)									
Maximum frequencies	cycle/sec	10									
Maximum activate time	sec	0.05									
Power consumption		AC 4.50VA, DC 3.00W ~ 6.00W									
Voltage		AC24V:AC24V 50/60Hz, AC110V:AC110V 50/60Hz, AC220V:AC220V 50/60Hz, DC12V:DC12V, DC24V:DC24V									
Voltage range	%	±10									
Protection		IP65 (DIN40050)									
Connection		Socket with plug									
Lubrication		Non-lubricated									
Material of body		Aluminum alloy									
Insulation		F class									

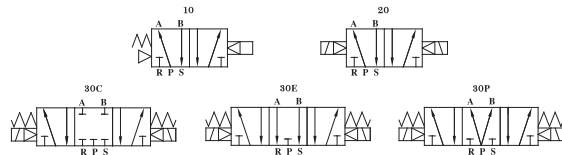
Solenoid Valve (A4V1 Series)



Ordering Code

A4V	1	10	-	06	-	AC110V	-	EX-P
Model	Code	Valve type	Port size	Voltage	Explosion proof coil			
A4V : 5 port 2(3) position solenoid valve	1 : 100 series	10 : Single solenoid 5/2 way 20 : Double solenoid 5/2 way 30C : Double solenoid 5/3 way closed center 30E : Double solenoid 5/3 way exhaust center 30P : Double solenoid 5/3 way pressure center	M5 : M5 x 0.8 06 : 1/8"	DC12V DC24V AC24V AC110V AC220V AC250V	50/60Hz 50/60Hz 50/60Hz 50/60Hz		DC24V AC110V AC220V	50/60Hz 50/60Hz 50/60Hz

Symbol



Specifications

Model NO		A4V110-M5	A4V120-M5	A4V130C-M5	A4V130E-M5	A4V130P-M5	A4V110-06	A4V120-06	A4V130C-06	A4V130E-06	A4V130P-06
Port size (In)	inch	M5	M5	M5	M5	M5	1/8	1/8	1/8	1/8	1/8
Port size (Out)	inch	M5	M5	M5	M5	M5	1/8	1/8	1/8	1/8	1/8
Port size (Exhaust)	inch	M5	M5	M5	M5	M5	1/8	1/8	1/8	1/8	1/8
Orifice size	mm ² (CV)	10(0.56)	10(0.56)	7(0.40)	7(0.40)	7(0.40)	12(0.67)	12(0.67)	9(0.50)	9(0.50)	9(0.50)
Valve type		10: 5/2 way single solenoid	20: 5/2 way double solenoids	30C: 5/3 way closed center double solenoids	30E: 5/3 way exhaust center double solenoids	30P: 5/3 way pressure center double solenoids	10: 5/2 way single solenoid	20: 5/2 way double solenoids	30C: 5/3 way closed center double solenoids	30E: 5/3 way exhaust center double solenoids	30P: 5/3 way pressure center double solenoids
Media		Air									
Action type		Internal pilot									
Pressure range	kgf/cm ²	1.50 ~ 9.00									
Fluid temperature	°C (°F)	+5 ~ +60(+41 ~ +140)									
Maximum frequencies	cycle/sec	5									
Maximum activate time	sec	0.05									
Power consumption		AC3.00VA, DC 2.50W ~ 6.00W									
Voltage		AC24V:AC24V 50/60Hz, AC110V:AC110V 50/60Hz, AC220V:AC220V 50/60Hz, DC12V:DC12V, DC24V:DC24V									
Voltage range	%	±10									
Protection		IP65 (DIN40050)									
Connection		Socket with plug									
Lubrication		Non-lubricated									
Material of body		Aluminum alloy									
Insulation		F class									