

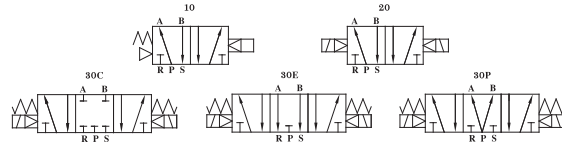
Solenoid Valve (A4V4 Series)



Ordering Code

A4V	4	10	-	15	-	AC110V	-	EX-P
Model	Code	Valve type		Port size		Voltage		Explosion proof coil
A4V : 5 port 2(3) position 4 : 400 series solenoid valve		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		15 : 1/2"		DC12V DC24V AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC250V 50/60Hz		DC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz

Symbol



Specifications

Model NQ		A4V410-15	A4V420-15	A4V430C-15	A4C430E-15	A4C430P-15
Port size (In)	inch	1/2	1/2	1/2	1/2	1/2
Port size (Out)	inch	1/2	1/2	1/2	1/2	1/2
Port size (Exhaust)	inch	1/2	1/2	1/2	1/2	1/2
Orifice size	mm ² (CV)	50(2.79)	50(2.79)	30(1.68)	30(1.68)	30(1.68)
Valve type		10: 5/2 way single solenoid	20: 5/2 way double solenoids	30C: 5/3 way dosed 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	3				
Maximum activate time	sec	0.05				
Power consumption		AC 4.50 VA, DC 3.00 W ~ 6.00 W				
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 (Namur Series)



Ordering Code

A4M	3	10	-	08	-	AC110V	-	EX-P
Model	Code	Valve type		Port size		Voltage		Explosion proof coil
A4M : 5 port 2 position solenoid valve (namur type)		10 : Single solenoid 5/2 way 20 : Double solenoid 5/2 way		08 : 1/4"		DC12V DC24V AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC250V 50/60Hz		DC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz

Symbol



Specifications

Model NQ		A4M310-08	A4M320-08
Port size (In)	inch	1/4	1/4
Port size (Exhaust)	inch	1/4	1/4
Orifice size	mm ² (CV)	25(1.40)	25(1.40)
Valve type		10: 5/2 way single solenoid	20: 5/2 way double solenoids
Media		Air	
Action type		Internal pilot	
Pressure range	kgf/cm ²	1.50 ~ 8.00	
Fluid temperature	°C (°F)	+5 ~ +60(+41 ~ +140)	
Maximum frequencies	cycle/sec	5	
Maximum activate time	sec	0.05	
Power consumption		AC 4.50 VA, DC 3.00 W ~ 6.00 W	
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	