

Solenoid Valves

Series P70

GENERAL INFORMATION

Series P70 solenoid valve is well used to control air supplying to pneumatic actuators.

FEATURES

- Robust industrial 5/2 and 3/2 way solenoid valve
- Low power consumption and long service life
- NAMUR standard for direct mounting on actuators
- Surface is hard anodized as protection against corrosion (20μ)
- Low temperature construction available
- Manual operation for use in testing or when lack of supply voltage
- The spring affected piston ensures that the solenoid valve returns to its starting point at power failure
- Each solenoid valve is function tested and pressure tested

TECHNICAL DATA

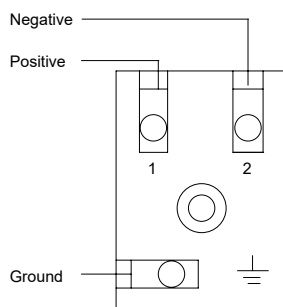
Item	Specification
Construction	5/2, 3/2 way
Air consumption	1100 L/min at 5bar
Flow rate	Kv=0.95 m³/h
Pressure single coil	2bar to 8bar
Coils	24VDC, 24VAC, 230VAC. Optional 110 V
Voltage indication	LED(Light emitting diode)
Current consumption	24VDC-4W, 24VAC-4VA, 230VAD-4VA
Temperature	-25°C to +80°C
Connection	NAMUR, 1/4" inlet/outlet. Optional: NAMUR, 1/2" inlet/outlet
Medium	Air or inert gas
Air quality	DIN/ISO 8573-1 Class3
Wire connection	DIN 46244
Protection class coil	IP65 NEMA 4, 4X
Surface	Hard anodized-20μ

PARTS LIST AND MATERIAL SPECIFICATION

No.	Part name	Material
1	Nut	PA66
2	Coil	
3	Armature	
4	Plate	SS304
5	Pilot body	Aluminum ADC12
6	Gasket	Aluminum
7	Body	Aluminum ADC12
8	Core	Aluminum
9	O-ring	NBR
10	Spring	SS304
11	Bolt	SS304
12	Connector	PA66
13	Manual rod	PA66
14	Seal	NBR
15	Bottom cover	Aluminum ADC12

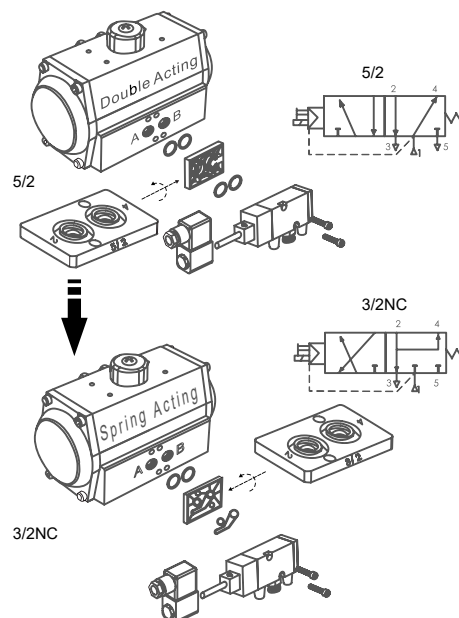


Wiring diagram



Note :
The wiring diagram is the same for VDC as well as VAC

Mounting instruction



NAMUR interface

