

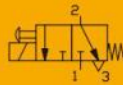
S1PA Series 3/2 Integrated Manifold

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S1PA

S1PA

3/2 integrated manifold



Product Features

- * 3/2 direct acting solenoid valve, sensitive to direction change, 0 pressure/low vacuum start.
- * The integrated manifold adopts a dual row electromagnetic valve integrated wiring, greatly reducing the installation space in the length direction.
- * Using a 37 pin D-sub socket reduces installation time, and the COM common terminal has no positive or negative polarity.
- * The integrated valve group single valve adopts a pin type coil and a plate type installation with sealing gasket, which is easy to maintain; On the basis of the current S1P series, upgrades and modifications will be made, with the main changes being as follows:
- * The circulation aperture has been changed from $\phi 1.1\text{mm}$ to $\phi 1.3\text{mm}$, increasing the flow rate.
- * The valve body has been changed from processing aluminum alloy profiles to precision injection molding, effectively ensuring product consistency and avoiding burrs.
- * The integrated valve group single valve adopts a pin type coil and a plate type installation with sealing gasket, which is easy to maintain; On the basis of the current S1P series, upgrades and modifications will be made, with the main changes being as follows.
- * Add manual buttons for easy maintenance, installation, and debugging.
- * The front and rear end plates have been changed from aluminum alloy profiles to die casting, while achieving product lightweighting
- * Overall design optimization, valve body color adopts E MC gray yellow ("brilliant") color.
- * The product has multiple technical patents (appearance, utility model, and invention).

How to order

S1PA series 3/2 integrated manifold

Series No	Body Size	Identification Code	Valve Quantity	Port Size	Port size	Input Port	Thread Type
S: Standard type SN: Energy saving type	1: 1 series	PA: PA series solenoid valve	7F: 7 stations 32F: 32stations	M5: M5 C4: $\phi 4$	E4: DC24V E5: DC12V (Only DC24V is available for energy-saving)	Blank: no fittings C8: $\phi 8$	Blank: G P: PT T: NPT

Order Example: S1PA series integrated manifold, 1 series body size, PA series 3/2 direct acting solenoid valve, 16 stations solenoid valve, voltage DC24V, equipped with $\phi 4$ port size, input port equipped with $\phi 8$ tube, G thread type, its ERP code is S1PA16F-C4E4-C8.

S1PA series 3/2 single valve

Series No.	Identification Code	Port	Positions	Body Size	Voltage
S: Standard type SN: Energy saving type	PA: PA series solenoid valve	3: 3 ports	2: 2 positions	1: 1series	E4: DC24V E5: DC12V (Only DC24V is available for energy-saving)

Note: Standard installation screws

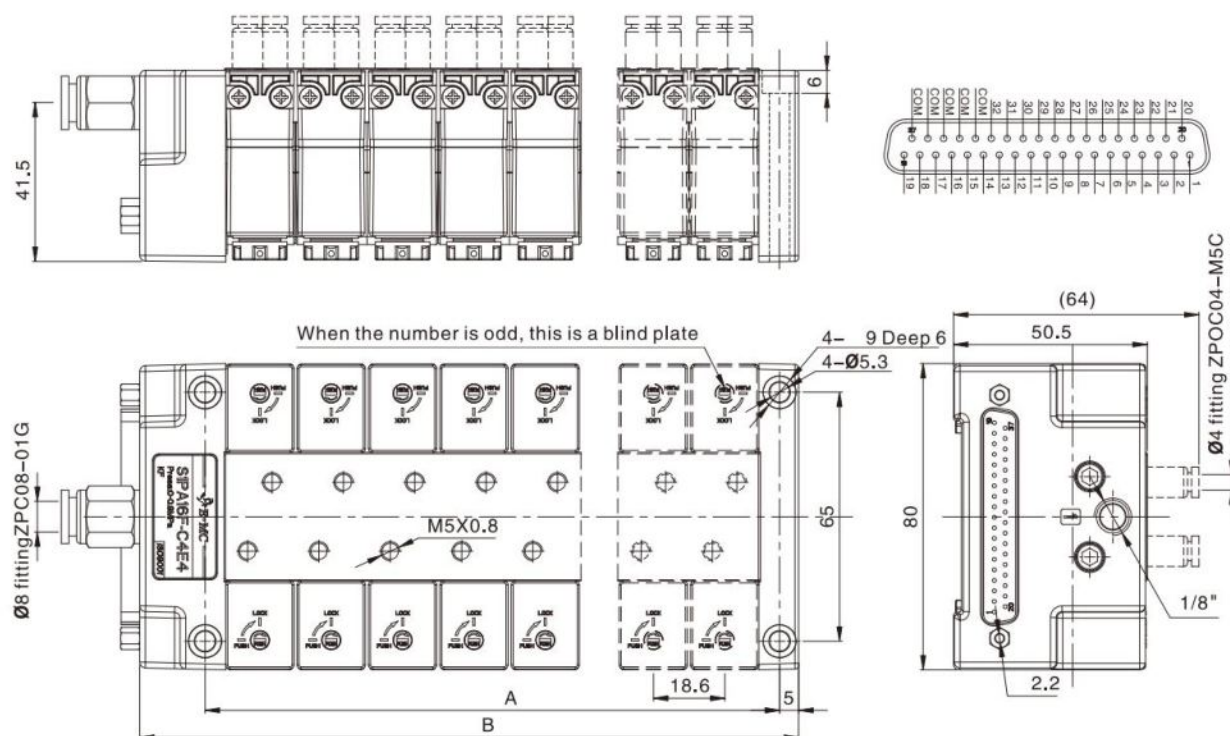
S1PA series 3/2 integrated manifold cable

Connector Type	Cable Core	Cable Length
D37: D-sub connector 25 pins	37: 37 cores(32 cores or less) 25: 25 cores(20 cores or less) 16: 16 cores(11 cores or less)	1M: 1M cable 2M: 2M cable 3M: 3M cable (Remark: Other length can be customized.)

Specifications

Model	SN1PA□F	S1PA□F
Working medium	Dry compressed gas filtered by a 40 μ m filter element	
Action form	Direct acting	
Flow aperture	1.3	
Tube size	Input port G1/8, working port M5	
Lubrication	No need	
Working pressure(MPa)	0-0.8	
Max pressure(MPa)	1.2	
Working temperature(°C)	-20-70	
Voltage range	-15%-10%	
Power consumption	0.6W	2.8W
Insulation grade	F Grade	
Protection level	IP40	
Max acting frequency	20times/S	
Seal material	HNBR	
Response time (S)	≤7ms	

Main Dimension



Sign/Model	S1PA7F S1PA8F	S1PA9F S1PA10F	S1PA11F S1PA12F	S1PA13F S1PA14F	S1PA15F S1PA16F	S1PA17F S1PA18F	S1PA19F S1PA20F
A	84.4	103	121.6	140.2	158.8	177.4	196
B	106.4	125	143.6	162.2	180.8	199.4	218
Sign/Model	S1PA21F S1PA22F	S1PA23F S1PA24F	S1PA25F S1PA26F	S1PA27F S1PA28F	S1PA29F S1PA30F	S1PA31F S1PA32F	
A	214.6	233.2	251.8	270.4	289	307.6	
B	236.6	255.2	273.8	292.4	311	329.6	