

5 Port Pilot Operated Solenoid Valve

PHS541 Series

Rubber Seal / In-Line Type

PHS541S 2 position
Single Solenoid

PHS541D 2 position
Double Solenoid



Specifications

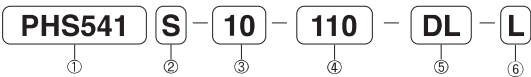
Model No	Unit	PHS541S		PHS541SD	
Fluid		Non-lubricated / Lubricated Air			
Port Size		PT 3/8"	PT 1/2"	PT 3/8"	PT 1/2"
Effective Area	mm ² (CV)	53(2.9)	56(3.0)	53(2.9)	56(3.0)
Temperature Range	°C	5~60			
Pressure Range	MPA(bar)	0.15~0.9(1.5~9.0)			
Response Time	ms	50 or less			
Exhaust Type		Individual Exhaust			
Manual Override		Non-lock(Standard), Lever-lock(Optional)			

Electrical Specifications

Voltage	Unit	DC24D, AC110V, AC220V(50~60Hz)
Allowable Voltage Fluctuation	%	±10%
Power Consumption	W, VA	DC24D(2.6W), AC110V(4VA), AC220V(3.5A)
Insulation class		F
Wiring		Lead Wire, DIN Connector
Indicator Light		LED

PHS541 Series

ORDER KEY



1. Series

2. Function

S	Single Solenoid
D	Double Solenoid

3. Port Size

10	Rc 3/8"
15	RC 1/2"

4. Voltage

24V	DC240V
110V	AC110V
220V	AC220V

5. Wiring

NO mark	Lead Wire
D	DIN Connector
DL	DIN Connector w/ Lamp Indicator

6. Manual Override

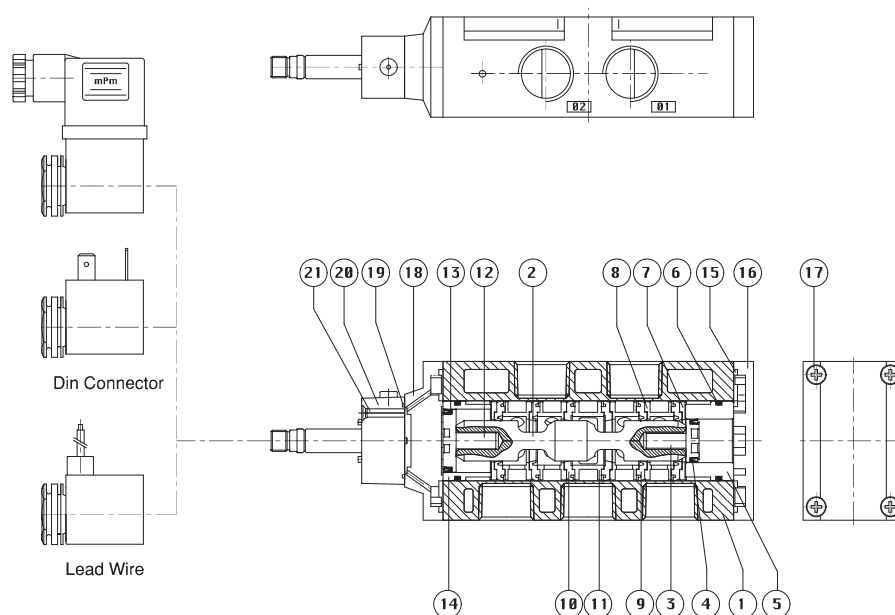
NO mark	Non-Lock
	Lever-Lock

PHS541 Series

Construction

(Unit : mm)

Single Solenoid



No	Description	Material
1	Body	Aluminum Diecasting
2	Spool	Aluminum Diecasting
3	Return Piston	Resin
4	Cap Packing	NBR
5	Return Tube	Aluminum Diecasting
6	O-Ring	NBR
7	Sleeve Liner	Reson
8	Sleeve-B	Aluminum Diecasting
9	Side Sleeve Packing	Rrethane
10	In Sleeve Packing	Rrethane
11	Sleeve-A	Reson

No	Description	Material
13	Motion Piston	Resin
14	Spool Packing	NBR
15	Motion Tuve	Aluminum Diecasting
16	Pilot Gasket	NBR
17	Body Cover	Aluminum Diecasting
18	Screw	
19	Pilot Body	
20	Pilot Gasket	NBR
21	S9 2/3 NC, Solenoid Operator Ass'y	
22	Lcrew	
23	Coil Nut	Nylon

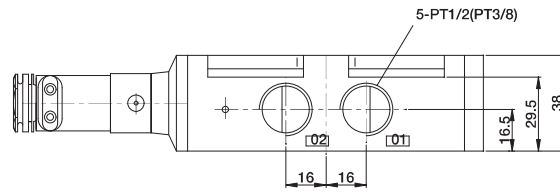
PHS541 Series

Dinemsins

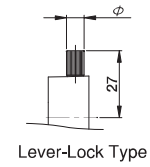
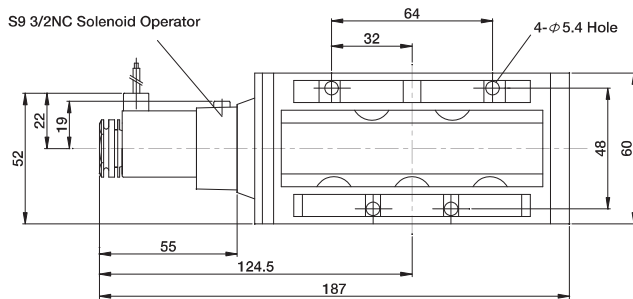
PHS541S

(Unit : mm)

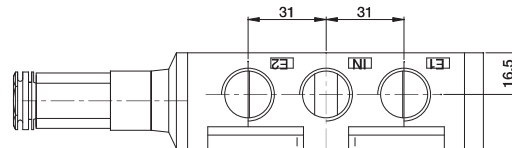
Lead wire Type



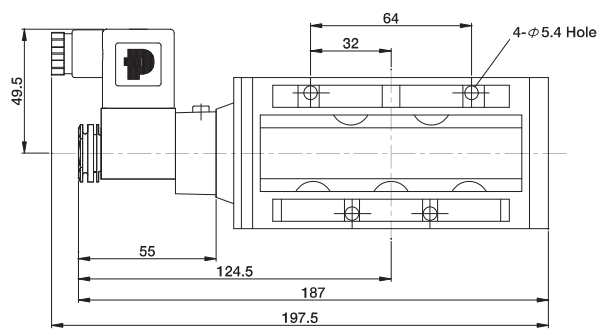
S9 3/2NC Solenoid Operator



Lever-Lock Type



DIN Connector Type



PHS541 Series

Dinemsins

PHS541D

(Unit : mm)

