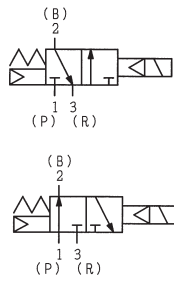


Solenoid Valves

PHS320 Series

3/2 Way N·C/N·O Common



Specifications

Rubber Seal / In-Line type

Item	Unit	PHS320
Fluid		Non-lubricated/Lubricated Air
Port Size	Rc(PT)	PT1/4"
Effective Area	mm ² (Cv)	23(1.3)
Operating Temperature	°C	5~60
Pressure Range	MPa(bar)	0.15~0.9(1.5~9.0)
Max.. Operating Cycle	cycle/s	10
Response Time	ms	Less than 20
Exhaust type		Individual Exhaust
Manual Override		Non-Lock/Lever-Lock
Shock/Vibration Resistance		30G~5G (8.3~200Hz)

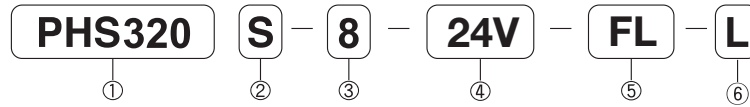
Electrical Specification

Voltage	V	DC24V, AC110V(50~60Hz)
Allowable Voltage Fluctuation	%	±10%
Power Consumption	W, VA	DC24V: 3W, AC110/220V: 4.2VA (60Hz), 5VA (50Hz)
Insulation Class		F Class
Wiring		Lead Wire, DIN Connector
Indicate lamp		LED

PHS320 Series

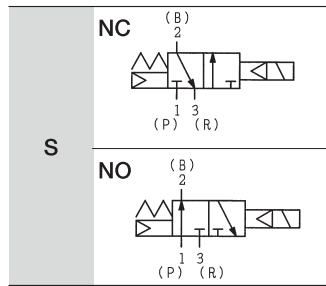
Rubber Seal / In-Line type

ORDER KEY



1. Series
3 Port Solenoid Valve

2. Function



3. Port Size

8	G 1/4"
----------	---------------

4. Voltage

24V	DC24V
110V	AC110V
220V	AC220V

5. Wiring

No mark	Lead wire
D	DIN connector.
FL	Lead wire with LED
DL	DIN connector, w/Indicator lamp.

6. Manual Override

No mark	Non-Lock
L	Lever-Lock

Coil & Connector



Voltage

DC24
AC110V
AC220V

Wiring

No mark	Lead Wire
FL	Lead Wire w/LED
D	DIN

Connector



Lamp Indicator

No mark	No Lamp Indicator
L	w/ Lamp

Voltage

No mark	No Lamp Indicator
24V	DC24
110V	AC110V
220V	AC220V

- Explosion Proof Coil
Explosion Proof Coil can be applied to the PHS Series.
Please refer to the series PECS-22-EX for the information in detail.

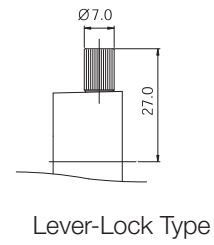
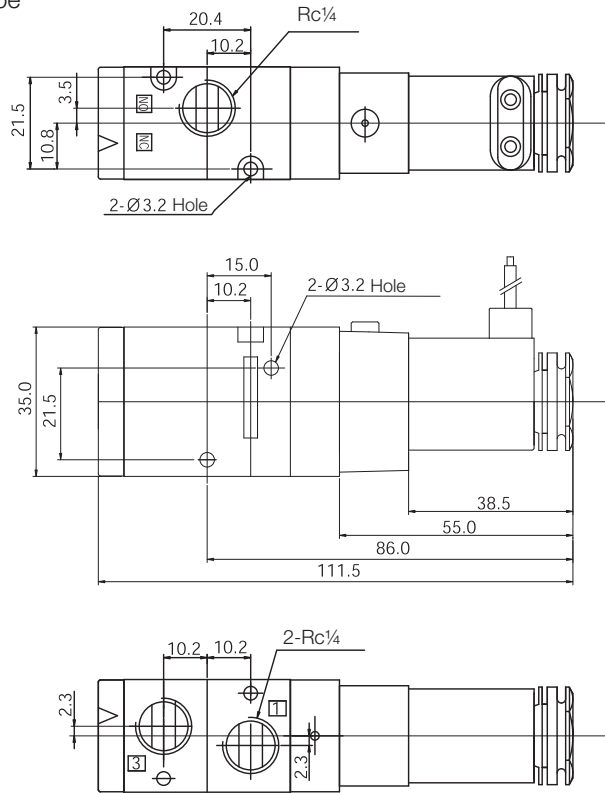
PHS320 Series

3/2 Way N·C/N·O Common

Dimensions (Unit: mm)

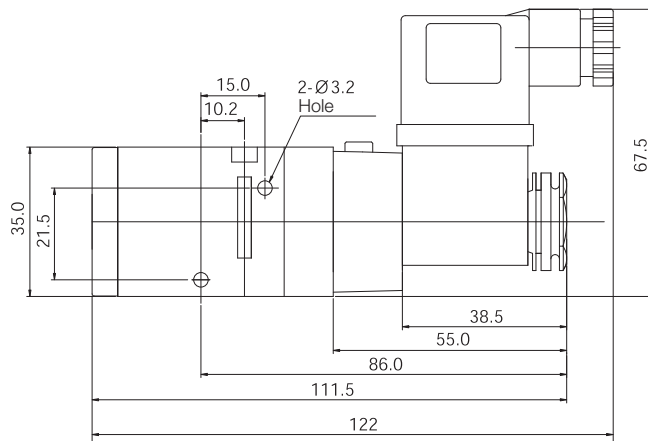
PHS320

Lead Wire Type



Lever-Lock Type

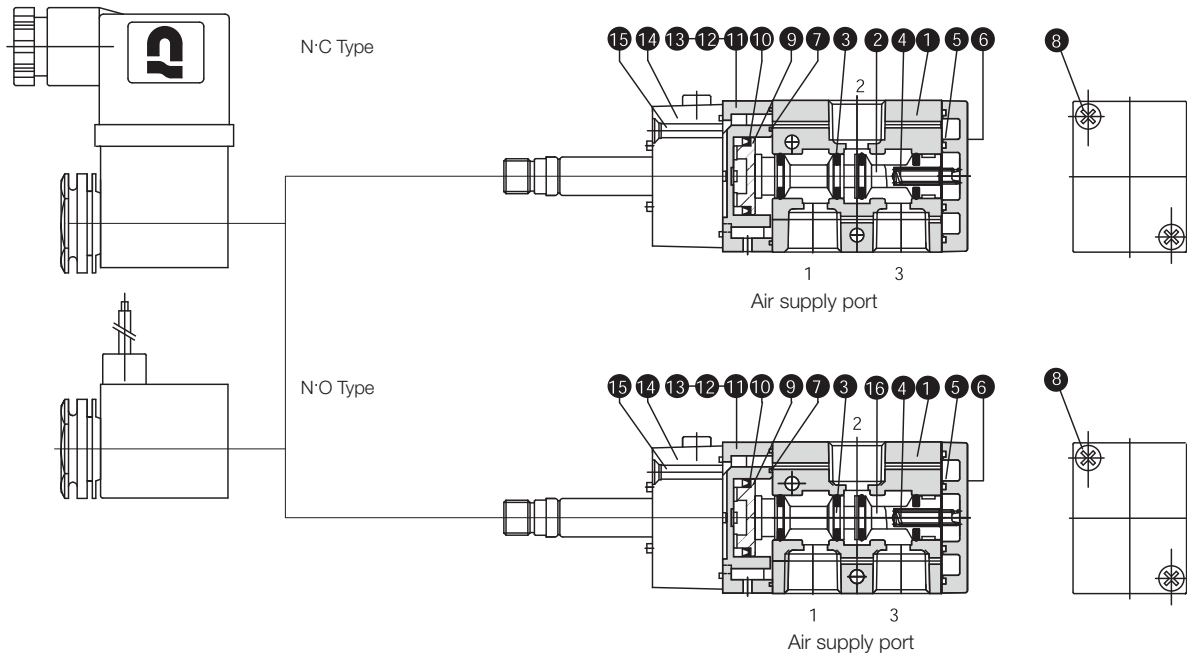
DIN Connector Type



PHS320 Series

3/2 Way N·C/N·O Common

Construction



NO	DESCRIPTION	MATERIAL	NO	DESCRIPTION	MATERIAL
1	Body	AL Alloy	9	Piston	P O M
2	Normal Closed Spool	AL	10	Piston Packing	N B R
3	Slide Packing	N B R	11	Pilot Body	RESIN
4	Spool Spring	Steel	12	Screw	Steel
5	Gasket Cover	N B R	13	Spring Washer	-
6	Body Cover	AL	14	Solenoid Operator Ass'y	
7	Gasket	N B R	15	Screw	Steel
8	Screw	steel			

Port Change from N·O to N·C

End cover must be rotated 180° and air supply port must be changed as below table.

Port Identification

Function		N·C type	N·O type
Port No.	1	Air Supply	Exhaust
	2	Cylinder	Cylinder
	3	Exhaust	Air Supply

