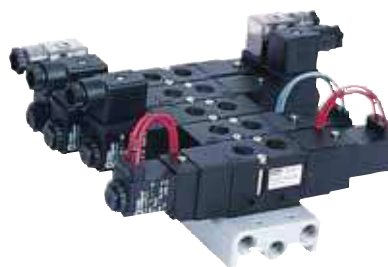


5 Port Pilot Operated Solenoid Valve

PHS520 Series

Rubber Seal/In-Line Type

PHS520S	2 Position Single solenoid
PHS520D	2 Position Double Solenoid
PHS520C	3 Position Center Closed
PHS520E	3 Position Exhaust Center
PHS520P	3 Position Pressure Center



Specifications

Model No	Unit	PHS520S	PHS520D	PHS520C	PHS520E	PHS520P
Fluid		Non-lubricated / Lubricated Air				
Port Size		PT 1/4"				
Effective Area	mm² (Cv)	18(1.0)			14(0.8)	
Temperature Range	℃	5~60 ℃				
Pressure Range	MPa(bar)	0.15~0.9(1.5~9.0)	0.1~0.9(1.0~9.0)		0.2~0.9(2.0~9.0)	
Max. Operating Cycle	cycle/s	10			3	
Response Time	ms	20 or less			35 or less	
Exhaust Type		Individual Exhaust				
Manual Override		Non-lock(Standard), Lever-lock(Optional)				
Shock/Vibration Resistance	m/s²	30G~5G(8.3~200Hz)				

Electrical Specifications

Voltage	V	DC24V, AC110V, AC220V(50~60Hz)
Allowable Voltage Fluctuation	%	±10%
Power Consumption	W, VA	DC24V(2.6W), AC110V(4VA), AC220V(3.5VA)
Insulation class		F
Wiring		Lead Wire, DIN Connector
Indicator Light		LED

PHS520 Series

ORDER KEY

PHS520

S

8

110

DL

L

1

2

3

4

5

6

1. Series

5 Port Solenoid Valve

2. Function

S	Single Solenoid
D	Double solenoid
C	Center Closed
E	Exhaust Center
P	Pressure Center

3. Port Size

8	PT 1/4"
---	---------

4. Voltage

24V	DC24V
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
L	Lever-Lock

Coil & Connector

Connector

Coil

PEC5

DC24

D

Voltage

Wiring

DC24	No mark	Lead Wire
AC 110V	D	DIN
AC 220V		

- Explosion Proof Coil
Explosion Proof Coil can be applied to the PHS Series.
Please refer To 483 pages for detail information

PEC5

L

DC24

Lamp Indicator

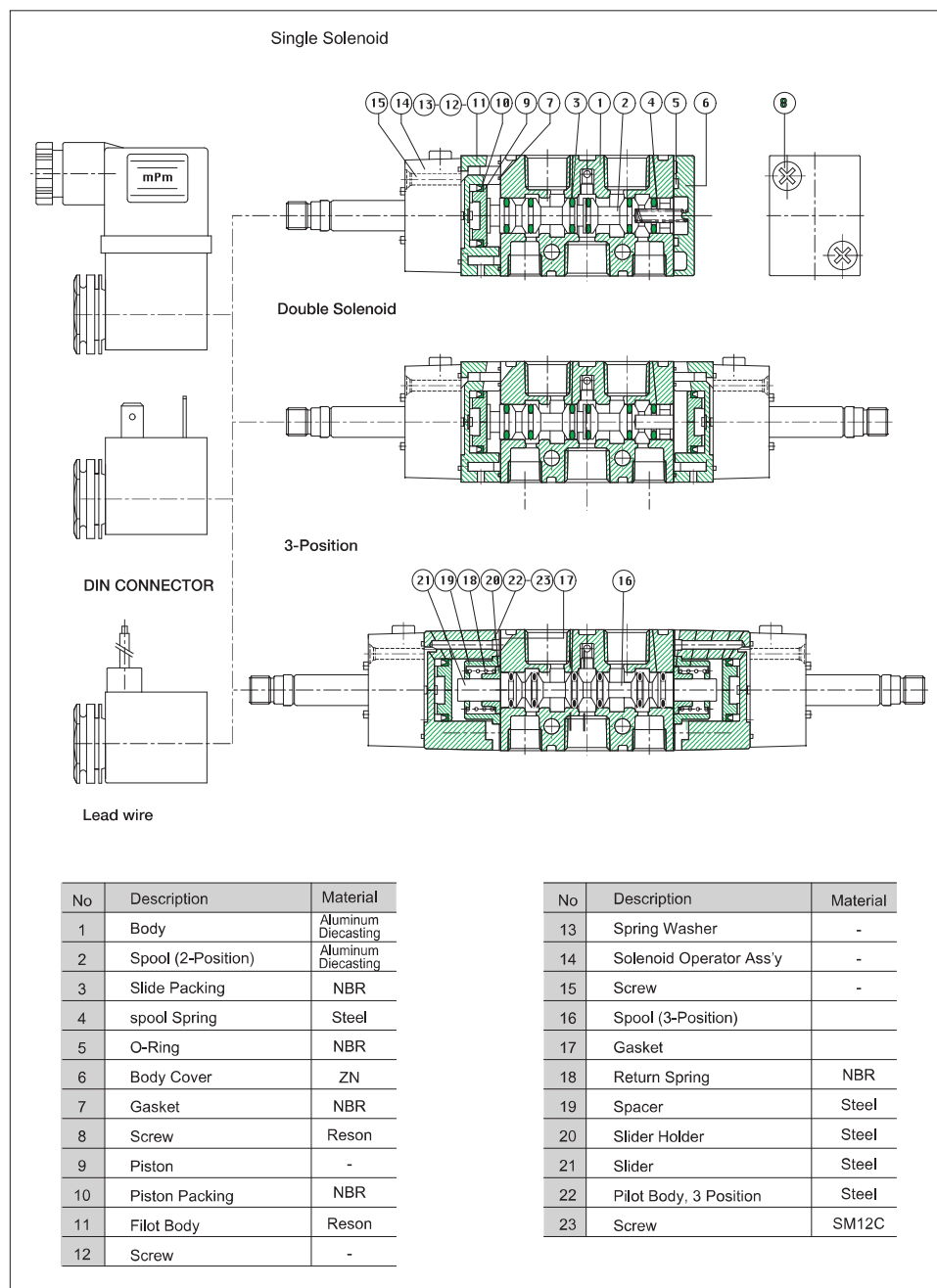
Voltage

No mark	No Lamp Indicator
L	w/ Lamp Indicator
No mark	No Lamp Indicator
24V	DC24
110V	AC 110V
220V	AC 220V

- Blanking Plate
Model : PHS520-BP

PHS520 Series

Construction

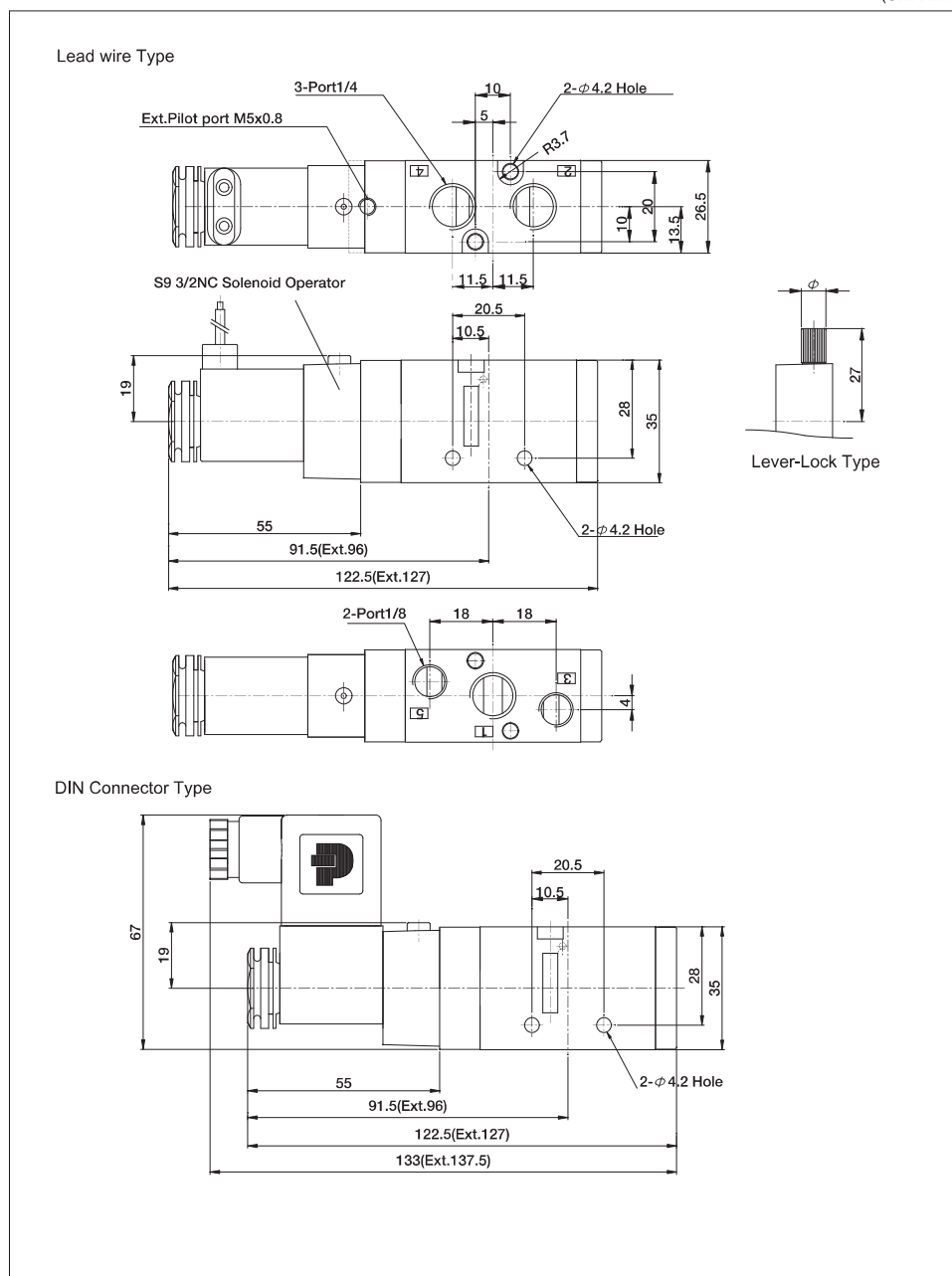


PHS520 Series

Dimensions

PHS520S

(Unit : mm)

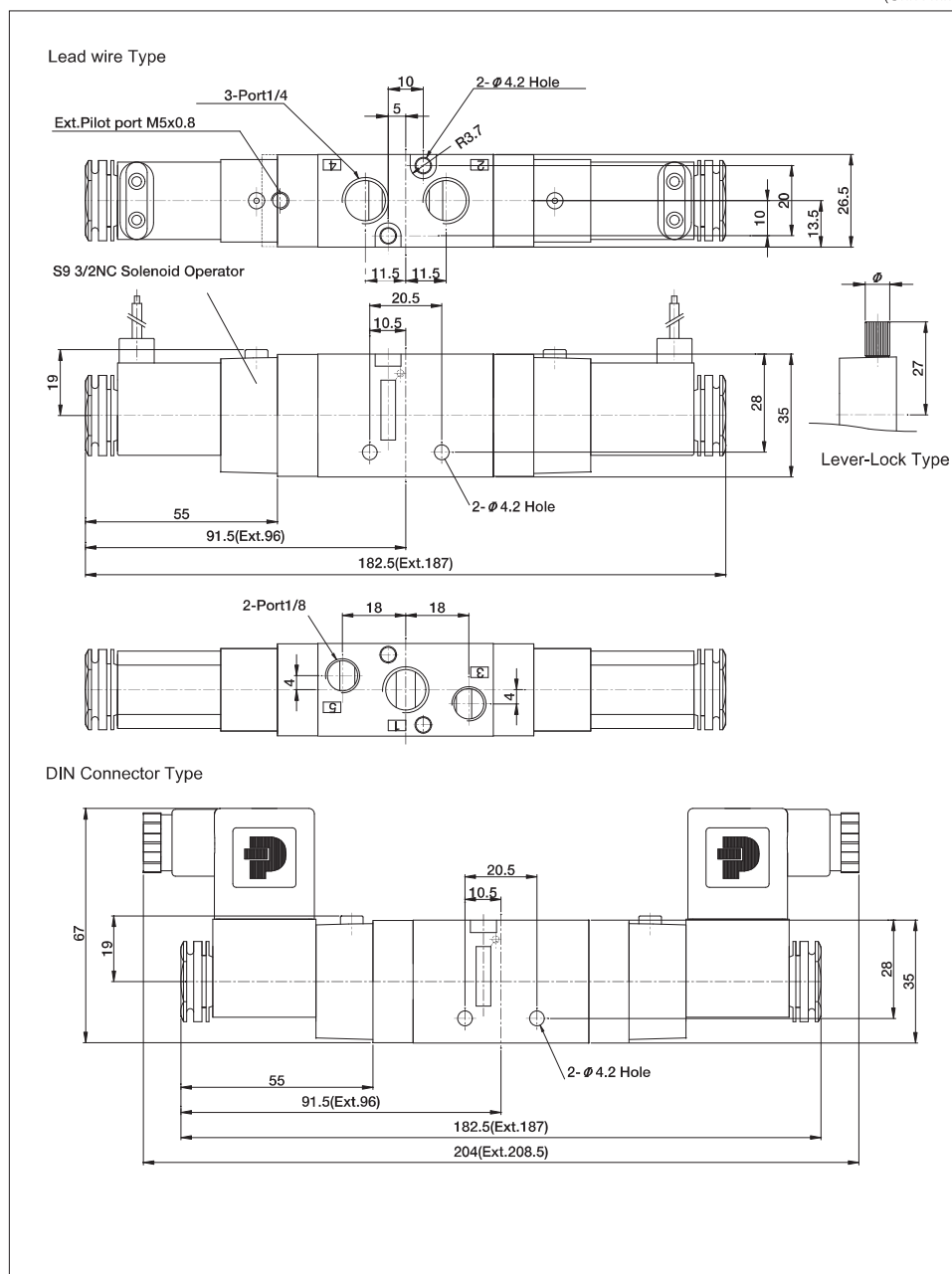


PHS520 Series

Dimensions

PHS520D

(Unit : mm)

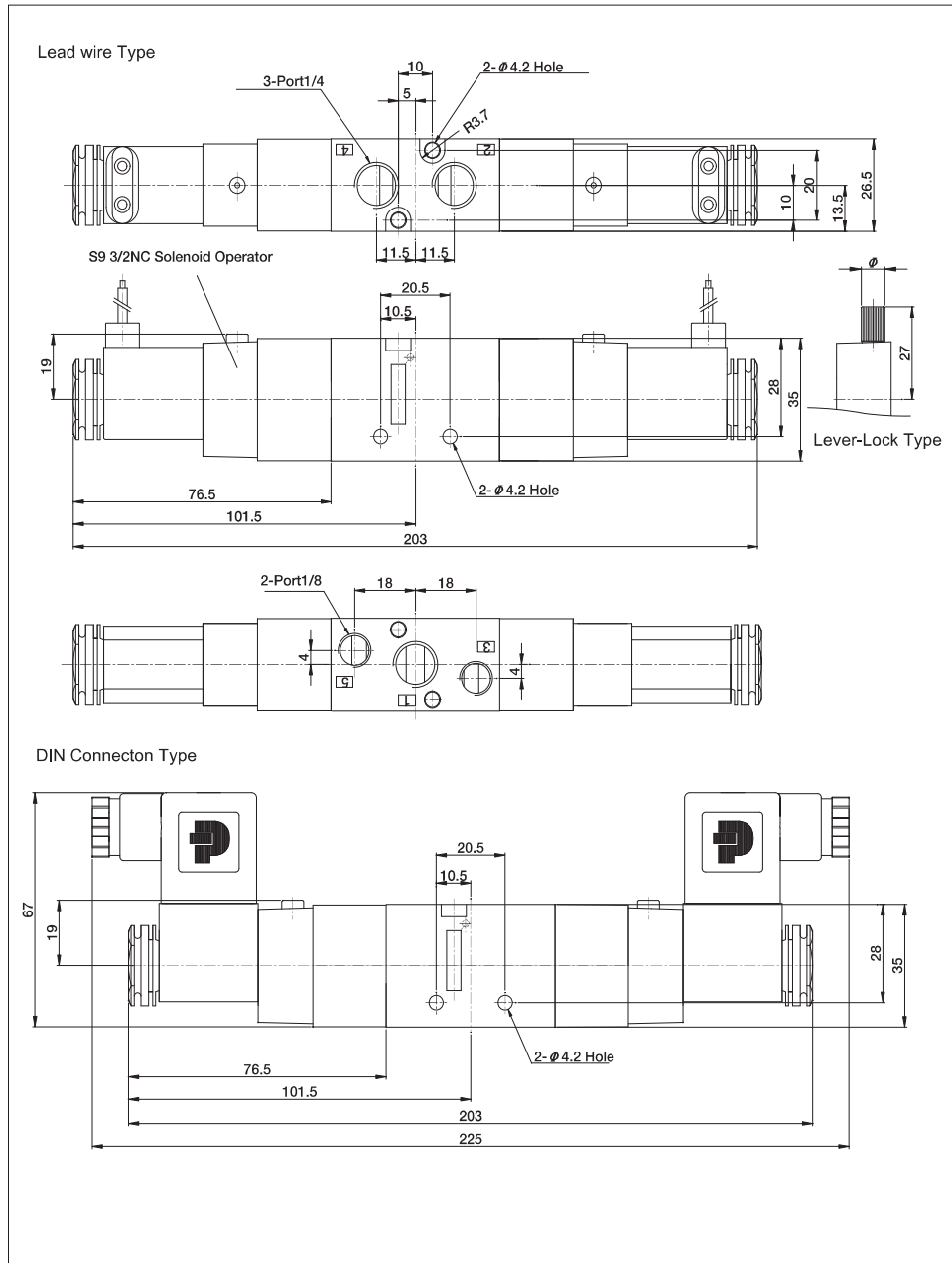


PHS520 Series

Dimensions

PHS520C, PHS520E, PHS520P

(Unit : mm)



PHS520 Series / Manifold

ORDER KEY

PHS520

M5

Mountable Valve

PHS510 Series

Number of Station

M2	2 Station
:	:
M9	9 Station

Specification

Type	PHS520-M□	
	Common SUP, Common E Port 2, 4 on the body	
Port Size	Port 1	RC 1/4
	Port 3, 5	RC 1/4
	Port 2, 4	RC 1/4
Station		2~9 Station
Mounting		Direct mount
Mountable Valve		PHS520 Series
Blanking Plate		PHS520-BP-

Dimensions

(Unit : mm)

