

PC/RC06, 08, 15

Series

5-port pilot operated solenoid valve
Rubber seal, sub-base/in-line mounting



PC/RC06 , 08 , 15 Series

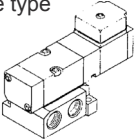
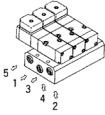
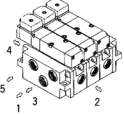
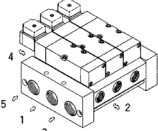
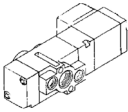
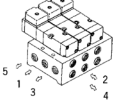
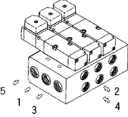
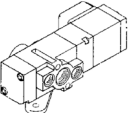
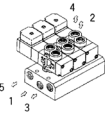
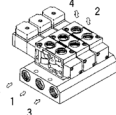
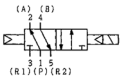
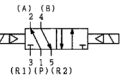
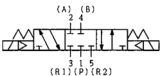
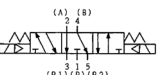
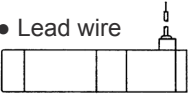
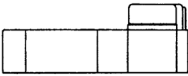
Rubber Seal, Pilot Operated Solenoid Valves

- High flow from compact die casted body.
- Single piece spool with patented TS seal rings featuring wear compensation design for long life.
- Unique solenoid design minimizes burn-out and power consumption.
- 4-way, 4/5-port, 2/3-position valves, in-line, sub-base and manifold.
- Manual override (None locking type) is standard on all PC/RC Series. Locking type is available upon request.

PC/RC06, 08, 15



Variation

Mounting	Manifold		
Sub-base type 	● MFB□□-PC06 	● MF□□-PC08 	● MF□□-PC15 
In-line type 	● MFS□□-PC06 	● MFS□□-PC08 	
With mounting bracket 	● MFU□□-RC06 	● MFU□□-RC08 	
Model no.	Wiring	Voltage	
PCS24※※ RCS24※※  PCD24※※ RCD24※※  PCD34※※ RCD34※※  PCE34※※ RCE34※※  PCO34※※ RCO34※※ 	- Lead wire  - Grommet with terminal  - Conduit with terminal - DIN connector 	- AC110V - AC220V - DC24V	
		Option and special specifications - With surge suppressor - With locking override - External pilot	

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Individual wiring type manifold MF□-RC06	C31
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Individual wiring type manifold MF□-RC08	C38

⚠ PC/RC06, 08, 15 Series Introduction 1

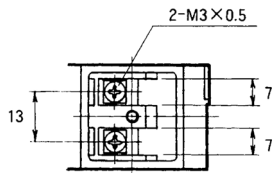
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With regard to common and specific instructions, please refer to the content within the catalog.

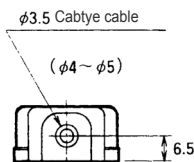
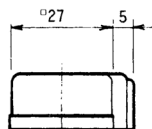
Wiring specifications

⚠ Caution

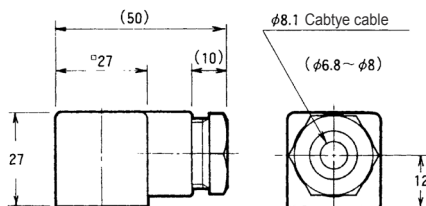
- Terminal of grommet and conduit



- Grommet cover



- Conduit cover



Lead wire specifications

⚠ Caution

0.3mm²×500ℓ (O.D. ∅ 1.7)
AWG22(UL1007)

Surge suppressor

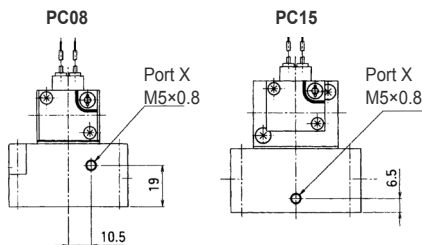
⚠ Caution

The following varistor type surge suppressor
AC110 TNR9G271K or equivalent of Z7D271
AC240 TNR9G471K or equivalent of Z7D471
DC24V TNR9G470K or equivalent of Z7D470

External pilot type(Made to order)

⚠ Caution

- External pilot port position



⚠ PC/RC06, 08, 15 Series Introduction 2

Be sure to read the following instructions before use.

With regard to common and specific instructions, please refer to the content within the catalog.

Flow rate

⚠ Caution

Flow speed can be calculated by the following formula:

Values in the sonic velocity zone can be observed from the following graph.

1. $P_H \leq 1.89P_L$ (Subsonic velocity zone)

$$Q = 240 \times S \times \sqrt{P_L(P_H - P_L)} \times (\sqrt{293/T_H})$$

2. $P_H \geq 1.89P_L$ (Sonic velocity zone)

$$Q = 120 \times S \times \sqrt{P_H} \times (\sqrt{273/T_H})$$

Q: Flow rate (l/min) (ANR)

S: Effective area (mm²)

P_H: Pressure on upper stream (MPa abs)

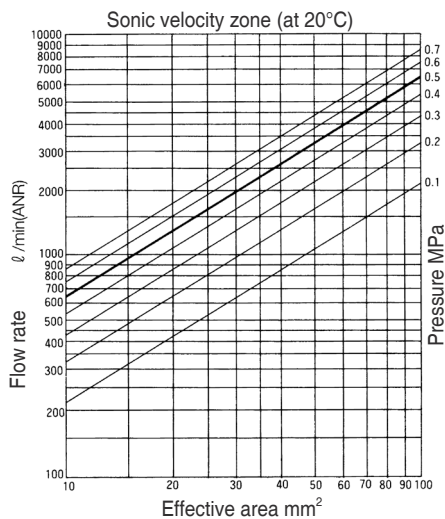
P_L: Pressure on down stream (MPa abs)

T_H: Absolute temperature (K)

on upper stream

(Note) Absolute pressure (MPa) =

Supply pressure + 0.100 (MPa)



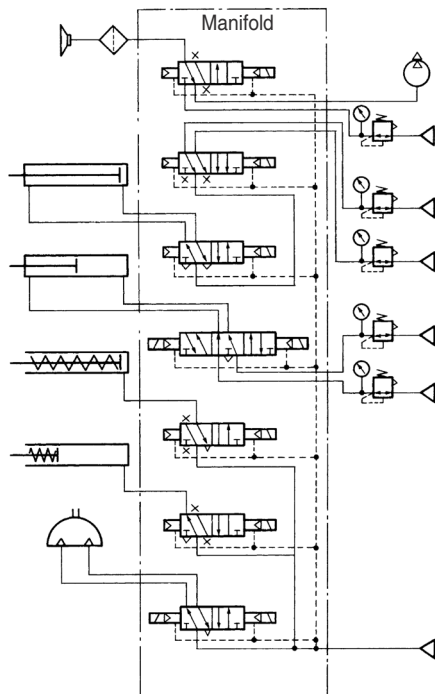
(When the value of effective area equals $X 10^{-1}$ or $X 10^n$, multiply the same value by the flow rate)

Effective Area

The effective area described in this catalog are measured between ports 1 → 2, 4, in accordance with JIS (Japanese Industrial Standard).

Multipurpose working

Solenoid valve designed with a balanced spool which works as an (common) external pilot system allows compressed air to be supplied from any port to support versatile function.



PC06 Series

5 Port Pilot Operated Solenoid Valve
Rubber Seal/Sub-base Mounting Type

PCS2406

2-position, single solenoid

PCD2406

2-position, double solenoid

PCD3406

3-position, closed center

PCE3406

3-position, ABR connect

PCO3406

3-position, PAB connect

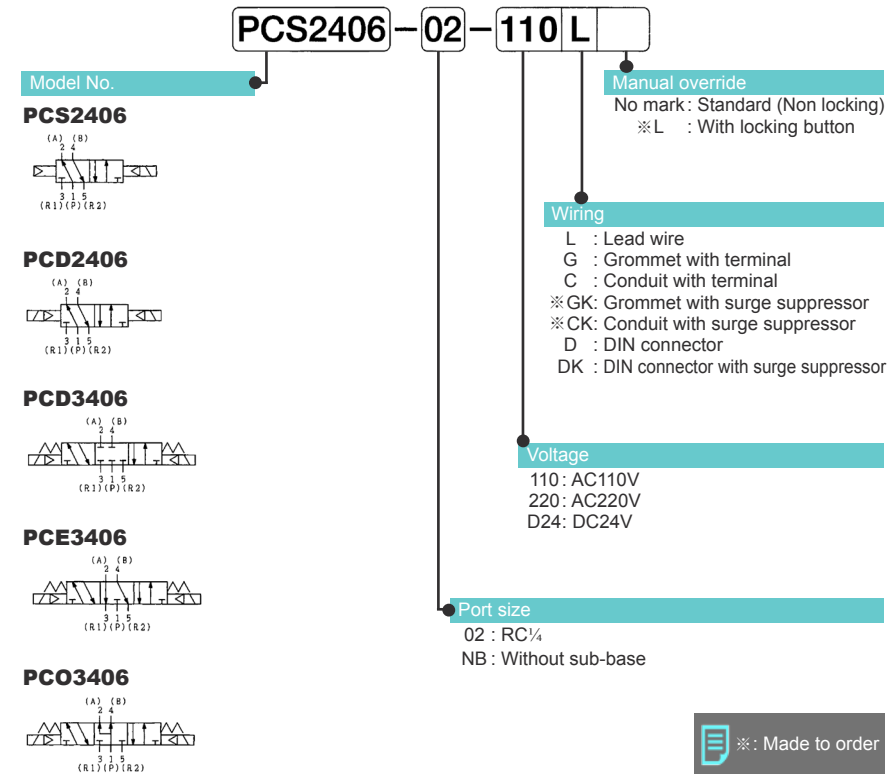


Specifications

Model No.				Unit	PCS2406	PCD2406	PCD3406 PCE3406	PCO3406
Fluid					Non-lubricated/lubricated air			
Port size					RC ¼			
Effective area				mm ²	10		9	
Cv value					0.54		0.49	
Operating ambient temperature				°C	-5 ~ 50			
Pressure range				MPa	0.2 ~ 0.8			
Maximum frequency				cycle/min	240		180	
0.5Mpa response time				s	ON 0.021 OFF 0.021	ON 0.015	ON 0.025 OFF 0.035	
Rated voltage				V	AC110, 220, DC24			
Grade of insulation					JIS grade B			
Permissible voltage fluctuation				%	AC±10, DC+10 - 15			
Rated frequency				Hz	50 / 60			
Power consumption	AC	Holding	50Hz	VA	(110 / 220) 3.2			
			60Hz	VA	(110 / 220) 2.6			
		Inlush	50Hz	VA	(110 / 220) 5			
			60Hz	VA	(110 / 220) 4.5			
Power consumption DC				W	2			
Wiring					Lead wire, Grommet with terminal, Conduit with terminal, DIN connector			
Mass				kg	0.2	0.27	0.36	0.36

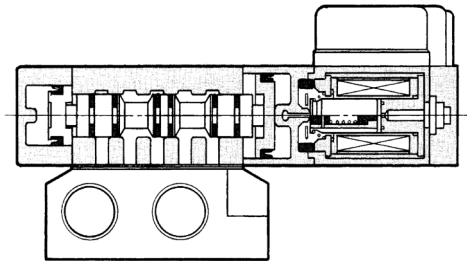


- Supply complete-dry air to avoid freezing when temperature of valve site falls below 5°C
- Response time shown above is in accordance with JIB B 8375
- Effective area shown above is the value between port 1 and 2, 4



Construction

◎ PCS2406



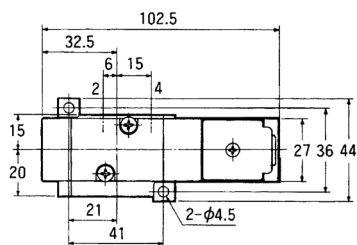
Optional

Sub-base

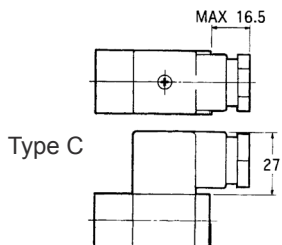
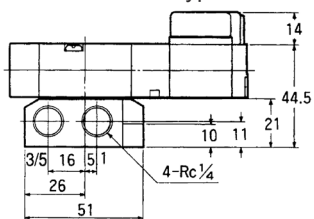
Port size	Model No.
RC $\frac{1}{4}$	PC06-SB-02

PCS2406

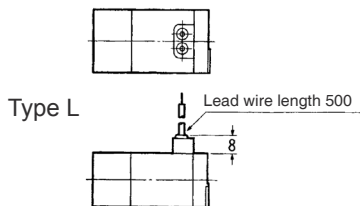
(Unit: mm)



Type G



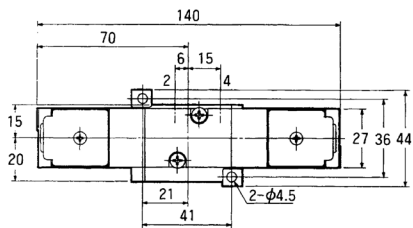
Type C



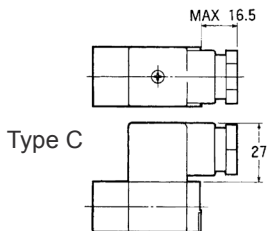
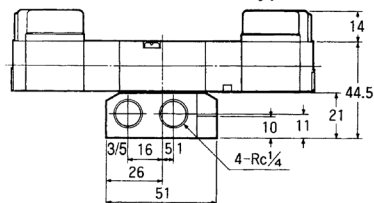
Type L

PCD2406

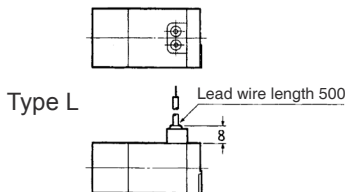
(Unit: mm)



Type G



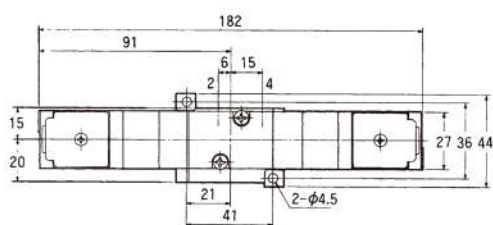
Type C



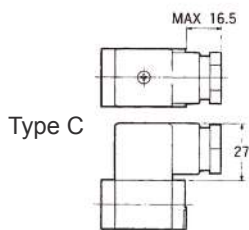
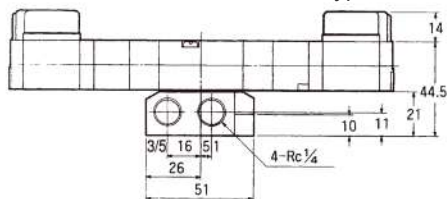
Type L

PCD3406 , PCE3406 , PCO3406

(Unit: mm)



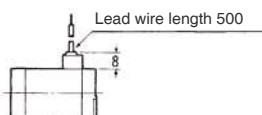
Type G



Type C



Type L



MF□-PC06 Series

Individual Wiring Type Manifold Bar Type

MFS□-PC06
Common SUP, common
EXH, port 2 & 4 on both sides
MFB□-PC06
Common SUP, common
EXH, port 2 & 4 on the bottom



Manifold Specifications

Type of manifold		MFS□-PC06 Common SUP, common EXH, port 2 & 4 on both sides	MFB□-PC06 Common SUP, common EXH, port 2 & 4 on the bottom
Port size	Port 1	Rc¼(Both sides)	Rc¼(Both sides)
	Port 3, 5	Rc¼(Both sides)	Rc¼(Both sides)
	Port 2, 4	Rc¼(Side)	Rc¼(Bottom)
Number of stations		2~10	
Mountable solenoid valve		PCS2406-NB-※ PCD2406-NB-※ PCD3406-NB-※ PCE3406-NB-※ PCO3406-NB-※	
Blank plate		PC06-BP	



Label

- Specify the type and number of manifolds and solenoid valves, as well as the number of blank plates(PC06-BP) in accordance with the following example.

Example: MFS8-PC06-02

PCS2406-NB-110G	4 pcs.
PCD2406-NB-110G	2 pcs.
PCD3406-NB-110G	1 pcs.
PC06-BP	1 pcs.

Manifold

MFS **2** - **PC06** - **02**

Type of manifold

MFS: Common SUP, common EXH,
port 2 & 4 on both sides

MFB: Common SUP, common EXH,
port 2 & 4 on the bottom

Mountable solenoid valve

PC06: PC06 Series

Number of stations

2 : 2 stations

⋮

10 : 10 stations

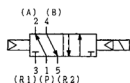
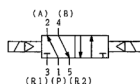
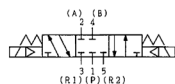
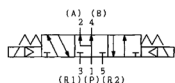
Port size 2&4

02: Rc1/4

Mountable solenoid valve

PCS2406 - **NB** - **110 L**

Model No.

PCS2406**PCD2406****PCD3406****PCE3406****PCO3406**

Manual override

No mark: Standard (Non locking)

※ L : With locking button

Wiring

L : Lead wire

G : Grommet with terminal

C : Conduit with terminal

※ GK: Grommet with surge suppressor

※ CK: Conduit with surge suppressor

D : DIN connector

DK : DIN connector with surge suppressor

Voltage

110: AC110V

220: AC220V

D24: DC24V

Port size

NB : Without sub-base

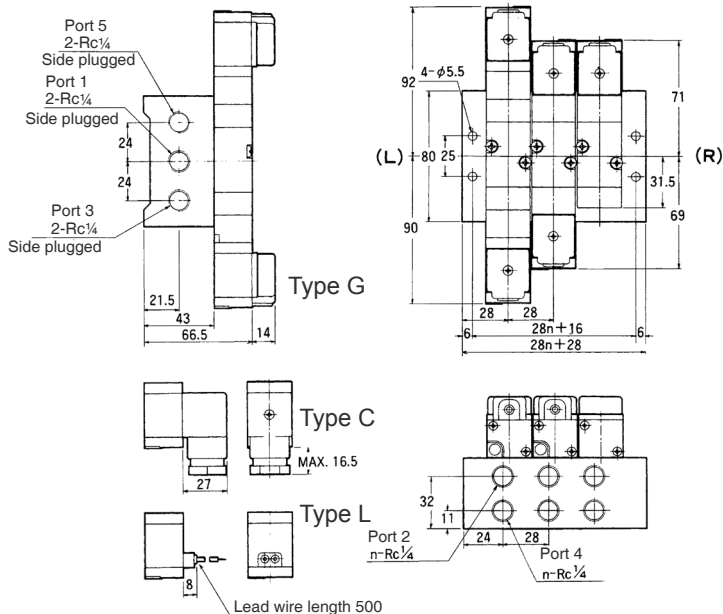


※ : Made to order

MFS□-PC06-02

(Unit: mm)

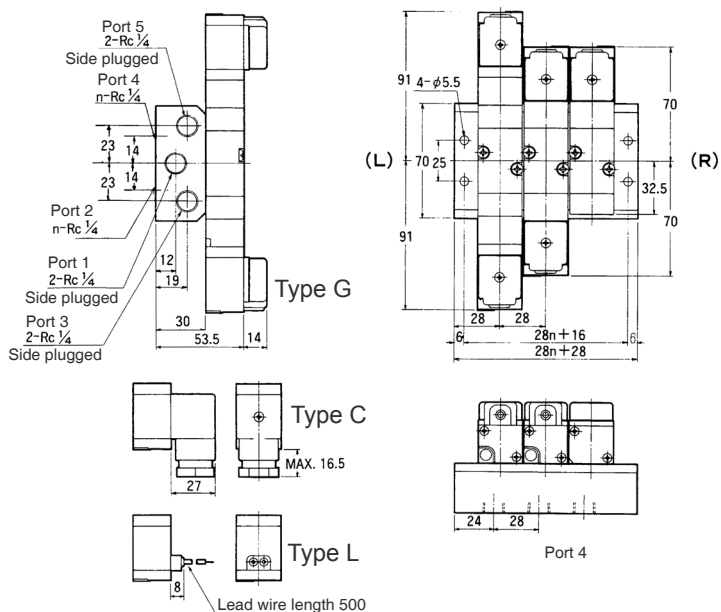
(Note) Standard manifold is plugged on "R" (Right) side ports.



MFB□-PC06-02

(Unit: mm)

(Note) Standard manifold is plugged on "R" (Right) side ports.



PC08 Series

5 Port Pilot Operated Solenoid Valve
Rubber Seal/Sub-base Mounting Type

PCS2408

2-position, single solenoid

PCD2408

2-position, double solenoid

PCD3408

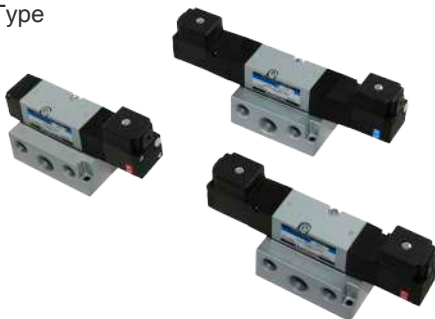
3-position, closed center

PCE3408

3-position, ABR connect

PCO3408

3-position, PAB connect



Specifications

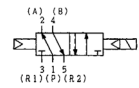
Model No.				Unit	PCS2408	PCD2408	PCD3408 PCE3408	PCO3408
Fluid					Non-lubricated/lubricated air			
Port size					Ports 1, 2 & 4: RC⅝		Ports 3 & 5: RC¼	
Effective area				mm²	30		25	14
Cv value					1.63		1.36	0.76
Operating ambient temperature				℃	-5~50			
Pressure range				MPa	0.2~0.8			
Maximum frequency				cycle/min	180			
0.5Mpa response time				s	ON 0.035 OFF 0.045	ON 0.02	ON 0.025 OFF 0.035	
Rated voltage				V	AC110, 220, DC24			
Grade of insulation					JIS grade B			
Permissible voltage fluctuation				%	AC±10, DC+10 - 15			
Rated frequency				Hz	50 / 60			
Power consumption	AC	Holding	50Hz	VA	(110 / 220) 3.2			
			60Hz	VA	(110 / 220) 2.6			
		Inlush	50Hz	VA	(110 / 220) 5			
			60Hz	VA	(110 / 220) 4.5			
Power consumption DC				W	2			
Wiring					Lead wire, Grommet with terminal, Conduit with terminal, DIN connector			
Mass				kg	0.35	0.42	0.58	0.58



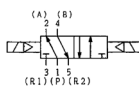
- Supply complete-dry air to avoid freezing when temperature of valve site falls below 5°C
- Response time shown above is in accordance with JIB B 8375
- Effective area shown above is the value between port 1 and 2, 4

Model No.

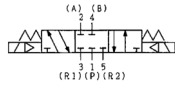
PCS2408



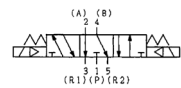
PCD2408



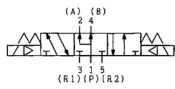
PCD3408



PCE3408



PCO3408



PCS2408-03-110 L L

Manual override

No mark : Standard (Non locking)
※ L : With locking button

Wiring

- L : Lead wire
- G : Grommet with terminal
- C : Conduit with terminal
- ※ GK: Grommet with surge suppressor
- ※ CK: Conduit with surge suppressor
- D : DIN connector
- DK : DIN connector with surge suppressor

Voltage

110: AC110V
220: AC220V
D24: DC24V

Port size

03 : RC $\frac{3}{8}$
NB : Without sub-base

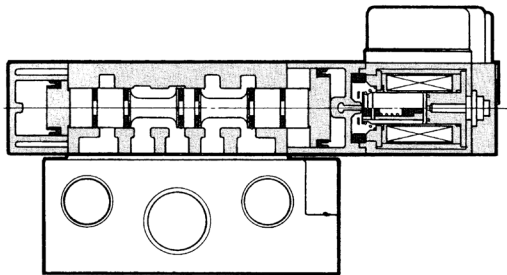
Special specifications

No mark : Standard (Internal pilot)
X : External pilot (Pilot port on sub-base)

※ : Made to order

Construction

◎ PCS2408



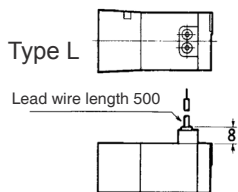
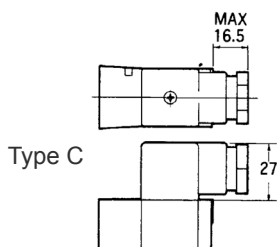
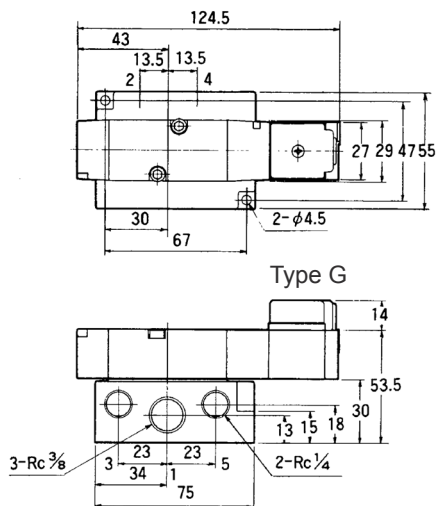
Optional

Sub-base

Port size	Model No.
RC $\frac{3}{8}$	PC08-SB-03
RC $\frac{3}{8}$ (For external pilot)	PC08-SB-X03

PCS2408

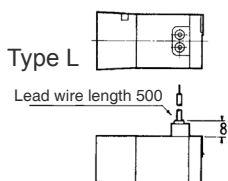
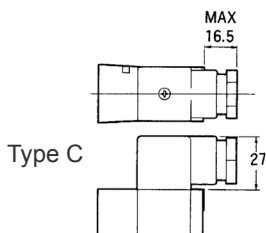
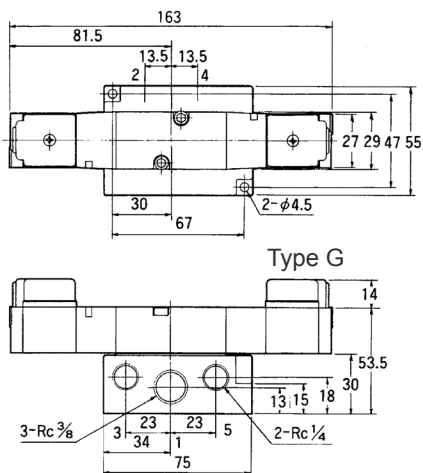
(Unit: mm)



Lead wire length 500

PCD2408

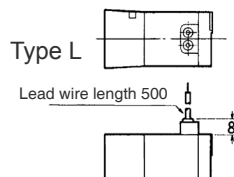
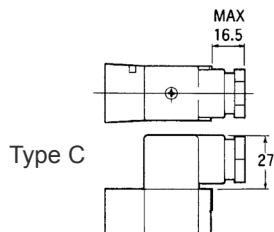
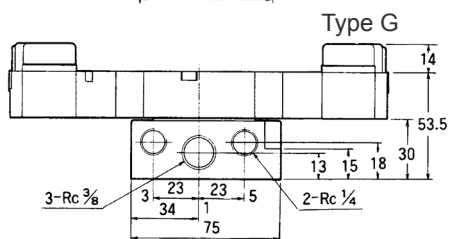
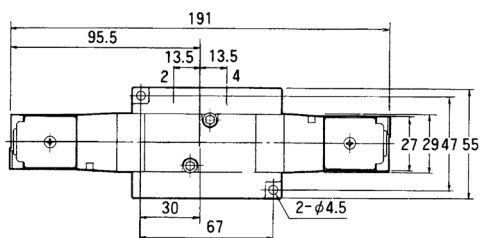
(Unit: mm)



Lead wire length 500

PCD3408 , PCE3408 , PCO3408

(Unit: mm)



MF□-PC08 Series

Individual Wiring Type Manifold
Separated Type/Bar Type

MF□-PC08 (Separated type)

Common SUP, common
EXH, port 2 & 4 on both sides

MFS□-PC08 (Bar Type)

Common SUP, common
EXH, port 2 & 4 on the side



Available for multipurpose

As pilot supply is branched in manifold, it can be used for special purposes such as double supply, low pressure, vacuum, etc.

Manifold Specifications

Type of manifold		MF□-PC08 Common SUP, common EXH, port 2 & 4 on both sides	MFS□-PC08 Common SUP, common EXH, port 2 & 4 on the side
Port size	Port 1	Rc½ (Both sides)	Rc½ (Both sides)
	Port 3, 5	Rc½ (Both sides)	Rc½ (Both sides)
	Port 2, 4	Rc¾ (Side)	Rc¾ (Side)
Number of stations		2~10	
Mountable solenoid valve		PCS2408-NB-※ PCD2408-NB-※ PCD3408-NB-※ PCE3408-NB-※ PCO3408-NB-※	
Blank plate		PC08-BP	



Label

- Specify the type and number of manifolds and solenoid valves, as well as the number of blank plates in accordance with the following example.

Example: MFS8-PC08-03

PCS2408-NB-110G	4 pcs.
PCD2408-NB-110G	2 pcs.
PCD3408-NB-110G	1 pcs.
PC08-BP	1 pcs.

Parts of Separated type manifold

Parts Name	Parts No.
End block set	MF-PC08-MB
Manifold block	MF-PC08-BD

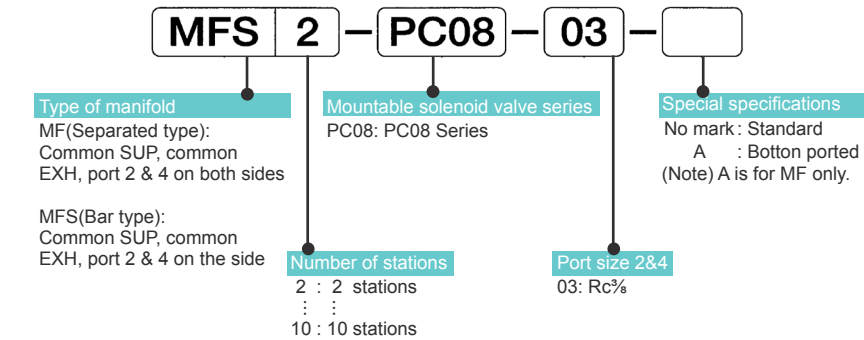
(Note) Mounting screws & O-ring are supplied



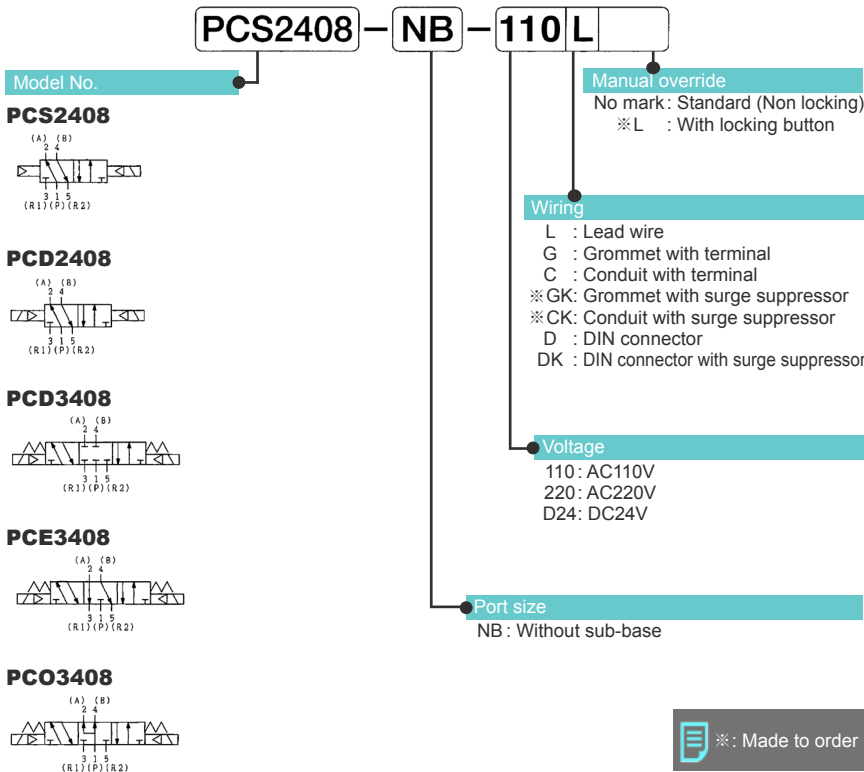
Caution

- When mounting solenoid valve to be used at different pressure on the same manifold, mount the solenoid valve from port 1 on one of the right end or left end(0.8MPa maximum).
- Manifold of MF□ - PC08 used a coupling method for single-stations type manifold.
- For special circuit, use "Specification for Manifold" for reference.

Manifold



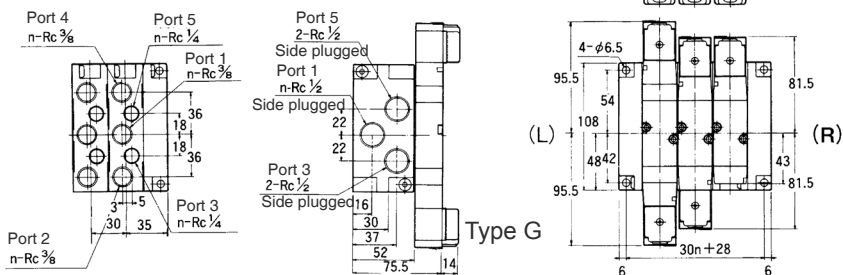
Mountable solenoid valve



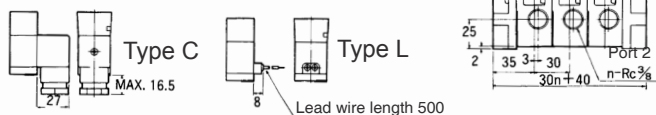
※: Made to order

MF□-PC08

(Unit: mm)

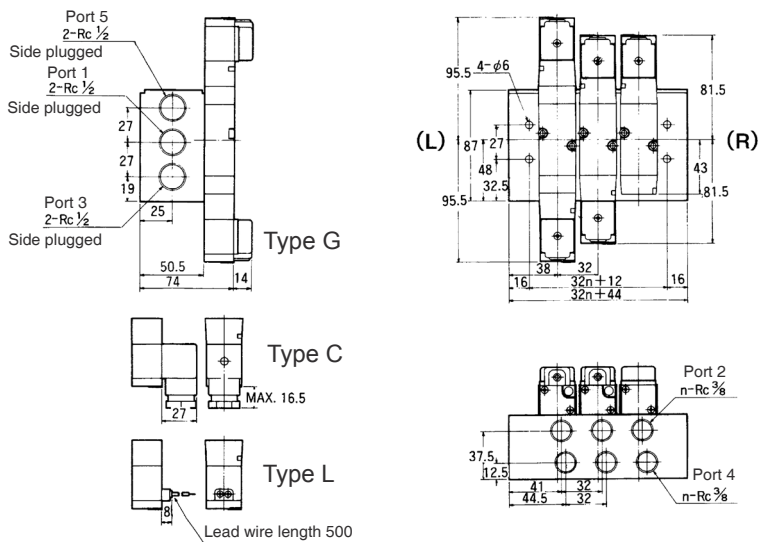


**Bottom ported
(Special Specification)**



MFS□-PC08

(Unit: mm)



PC15 Series

5 Port Pilot Operated Solenoid Valve
Rubber Seal/Sub-base Mounting Type

- PCS2415**
2-position, single solenoid
- PCD2415**
2-position, double solenoid
- PCD3415**
3-position, closed center
- PCE3415**
3-position, ABR connect
- PCO3415**
3-position, PAB connect



Specifications

Model No.				Unit	PCS2415	PCD2415	PCD3415 PCE3415	PCO3415
Fluid					Non-lubricated/lubricated air			
Port size					Ports 1, 2 & 4: RC½		Ports 3 & 5: RC⅜	
Effective area				mm²	70		60	
Cv value					3.80		3.25	
Operating ambient temperature				°C	-5 ~ 50			
Pressure range				MPa	0.2 ~ 0.8		0.25 ~ 0.8	
Maximum frequency				cycle/min	120			
0.5Mpa response time				s	ON 0.035 OFF 0.060	ON 0.02	ON 0.025 OFF 0.110	
Rated voltage				V	AC110, 220, DC24			
Grade of insulation					JIS grade B			
Permissible voltage fluctuation				%	AC±10, DC+10 - 15			
Rated frequency				Hz	50 / 60			
Power consumption	AC	Holding	50Hz	VA	(110 / 220) 3.2			
			60Hz	VA	(110 / 220) 2.6			
		Inlush	50Hz	VA	(110 / 220) 5			
			60Hz	VA	(110 / 220) 4.5			
Power consumption DC				W	2			
Wiring					Lead wire, Grommet with terminal, Conduit with terminal, DIN connector			
Mass				kg	0.73	0.81	0.94	0.94



- Supply complete-dry air to avoid freezing when temperature of valve site falls below 5°C
- Response time shown above is in accordance with JIB B 8375
- Effective area shown above is the value between port 1 and 2, 4

Model No.

PCS2415

-04-

110 L

Manual override

No mark : Standard
(Non locking)
※ L : With locking button

Wiring

L : Lead wire
G : Grommet with terminal
C : Conduit with terminal
※ GK : Grommet with surge suppressor
※ CK : Conduit with surge suppressor
D : DIN connector
DK : DIN connector with surge suppressor

Voltage

110 : AC110V
220 : AC220V
D24 : DC24V

Port size

04 : RC½
NB : Without sub-base

Special specifications

No mark : Standard (Internal pilot)
X : External pilot(Pilot port on sub-base)

PCS2415

(A) (B)
1 2 4
3 1 5
(R1) (P) (R2)

PCD2415

(A) (B)
1 2 4
3 1 5
(R1) (P) (R2)

PCD3415

(A) (B)
1 2 4
3 1 5
(R1) (P) (R2)

PCE3415

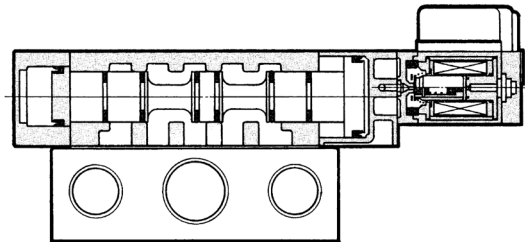
(A) (B)
1 2 4
3 1 5
(R1) (P) (R2)

PCO3415

(A) (B)
1 2 4
3 1 5
(R1) (P) (R2)

Construction

© PCS2415



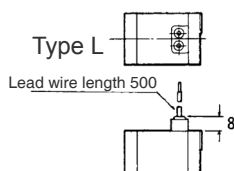
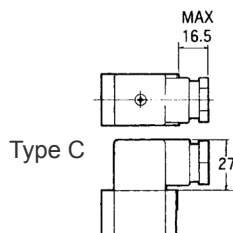
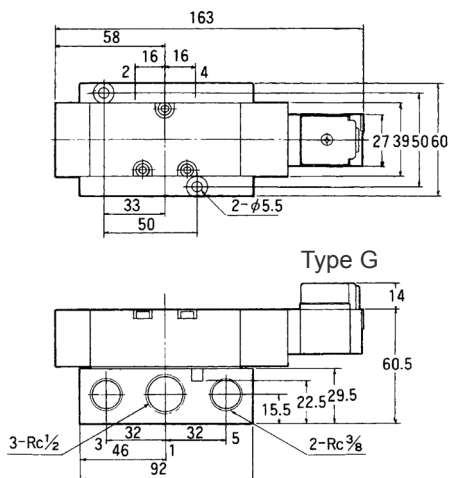
Optional

Sub-base	
Port size	Model No.
RC½	PC15-SB-04
RC½ (For external pilot: M5)	PC15-SB-X04

※ : Made to order

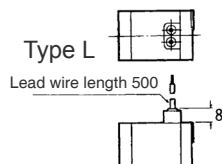
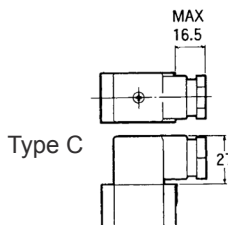
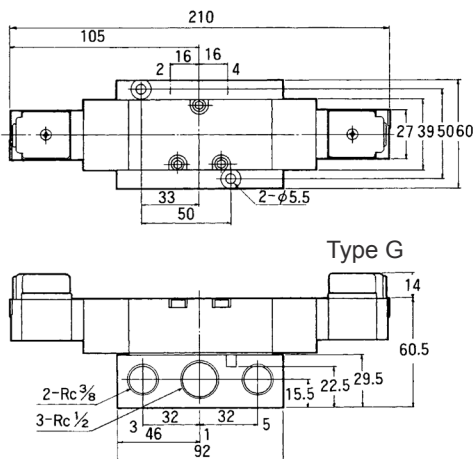
PCS2415

(Unit: mm)



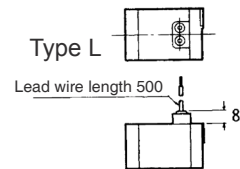
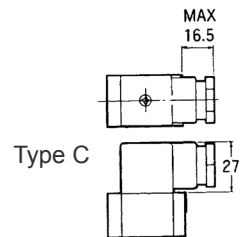
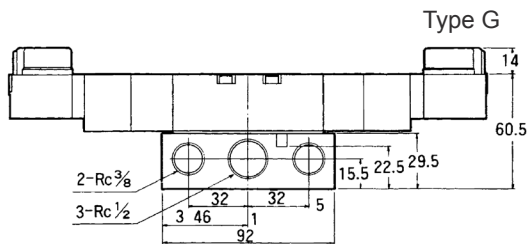
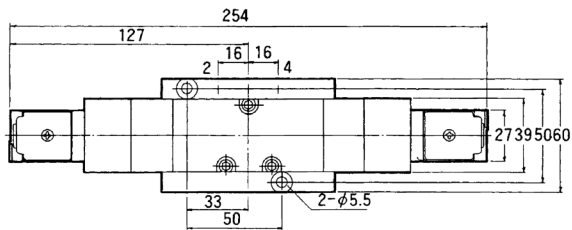
PCD2415

(Unit: mm)



PCD3415 , PCE3415 , PCO3415

(Unit: mm)



MFS□-PC15 Series

Individual Wiring Type Manifold Bar Type

MFS□-PC15
Common SUP, common
EXH, port 2 & 4 on both sides



Available for multipurpose

As pilot supply is branched in manifold, it can be used for special purposes such as double supply, low pressure, vacuum,etc.

Manifold Specifications

Type of manifold		MFS□-PC15 Common SUP, common EXH, port 2 & 4 on both sides
Port size	Port 1	Rc $\frac{3}{4}$ (Both sides)
	Port 3, 5	Rc $\frac{3}{4}$ (Both sides)
	Port 2, 4	Rc $\frac{1}{2}$ (Side)
Number of stations		2~10
Mountable solenoid valve		PCS2415-NB-※ PCD2415-NB-※ PCD3415-NB-※ PCE3415-NB-※ PCO3415-NB-※
Blank plate		PC15-BP



Label

- Specify the type and number of manifolds and solenoid valves, as well as the number of blank plates in accordance with the following example.

Example: MFS8-PC15-04

PCS2415-NB-110G	4 pcs.
PCD2415-NB-110G	2 pcs.
PCD3415-NB-110G	1 pcs.
PC15-BP	1 pcs.



Caution

- When mounting solenoid valve to be used at different pressure on the same manifold, mount a solenoid valve from port 1 on one of the right end or left end(0.8 MPa maximum).
- For special circuit, please refer to "Specification for Manifold"

Manifold



Type of manifold

MFS: Common SUP, common EXH, port 2 & 4 on both sides

Mountable solenoid valve series

PC15: PC15 Series

Special specifications

No mark: Standard
A : Bottom ported

Number of stations

2 : 2 stations
:
:
10 : 10 stations

Port size 2&4

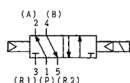
04: Rc $\frac{1}{2}$

Mountable solenoid valve

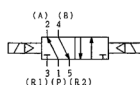


Model No.

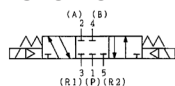
PCS2415



PCD2415



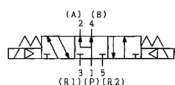
PCD3415



PCE3415



PCO3415



Manual override

No mark: Standard (Non locking)
※ L : With locking button

Wiring

L : Lead wire
G : Grommet with terminal
C : Conduit with terminal
※ GK : Grommet with surge suppressor
※ CK : Conduit with surge suppressor
D : DIN connector
DK : DIN connector with surge suppressor

Voltage

110 : AC110V
220 : AC220V
D24 : DC24V

Port size

NB: Without sub-base



※: Made to order

RC06 Series

5 Port Pilot Operated Solenoid Valve
Rubber Seal/In-line Mounting type

RCS2406

2-position, single solenoid

RCD2406

2-position, double solenoid

RCD3406

3-position, closed center

RCE3406

3-position, ABR connect

RCO3406

3-position, PAB connect



Specifications

Model No.				Unit	RCS2406	RCD2406	RCD3406 RCE3406	RCO3406
Fluid					Non-lubricated/lubricated air			
Port size					Ports 1, 2 & 4: RC¼		Ports 3 & 5: RC⅛	
Effective area				mm²	12		11	
Cv value					0.65		0.60	
Operating ambient temperature				°C	-5 ~ 50			
Pressure range				MPa	0.2 ~ 0.8			
Maximum frequency				cycle/min	240		180	
0.5Mpa response time				s	ON 0.021 OFF 0.021	ON 0.015	ON 0.025 OFF 0.035	
Rated voltage				V	AC110, 220, DC24			
Grade of insulation					JIS grade B			
Permissible voltage fluctuation				%	AC±10, DC+10 - 15			
Rated frequency				Hz	50 / 60			
Power consumption	AC	Holding	50Hz	VA	(110 / 220) 3.2			
			60Hz	VA	(110 / 220) 2.6			
		Inlush	50Hz	VA	(110 / 220) 5			
			60Hz	VA	(110 / 220) 4.5			
Power consumption DC				W	2			
Wiring					Lead wire, Grommet with terminal, Conduit with terminal, DIN connector			
Mass				kg	0.14	0.21	0.3	0.3



- Supply complete-dry air to avoid freezing when temperature of valve site falls below 5°C
- Response time shown above is in accordance with JIB B 8375
- Effective area shown above is the value between port 1 and 2, 4

The diagram shows a horizontal line representing a 1D lattice with 10 discrete sites. Sites 1 and 10 are marked with triangles, representing impurities. Sites 2 through 9 are marked with circles, representing particles. Above the lattice, the labels (A) and (B) are positioned above sites 2 and 4 respectively. Below the lattice, the labels (R1), (P), and (R2) are positioned below sites 3, 4, and 5 respectively. Arrows indicate the movement of particles: from site 2 to 3, 3 to 4, 4 to 5, 5 to 6, 6 to 7, 7 to 8, and 8 to 9.

Special specifications

No mark: Standard
(Internal pilot)
B : With mounting bracket

No mark : Standard
(Non locking)
※L : With locking button

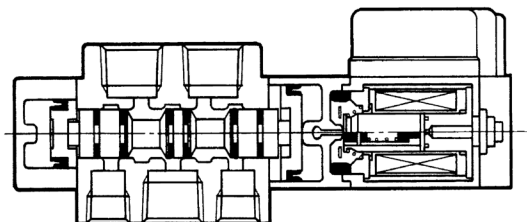
- L : Lead wire
- G : Grommet with terminal
- C : Conduit with terminal
- ※GK: Grommet with surge suppressor
- ※CK: Conduit with surge suppressor
- D : DIN connector
- DK : DIN connector with surge suppressor

110: AC110V
220: AC220V
D24: DC24V

02: RC^{1/4}

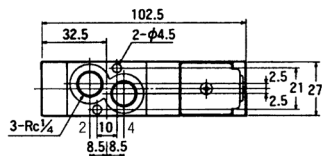
※: Made to order

© RCS2406

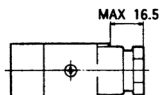
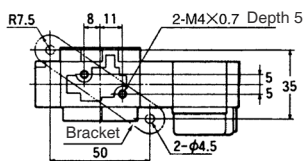
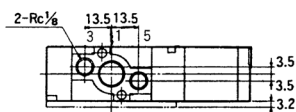
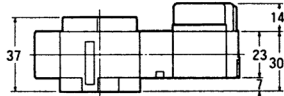


RCS2406

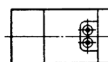
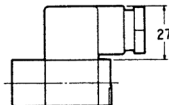
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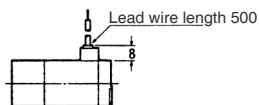
Type G



Type C

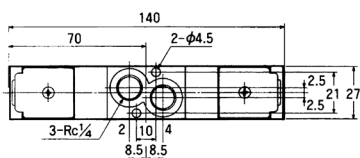


Type L

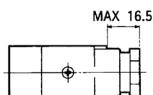
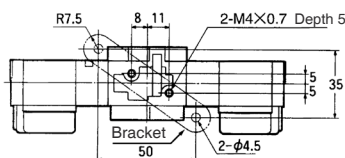
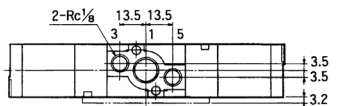
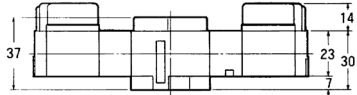


RCD2406

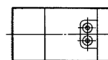
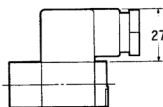
(Unit: mm)



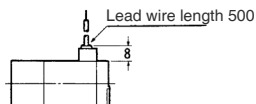
Type G



Type C

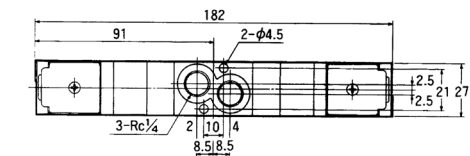


Type L

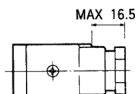
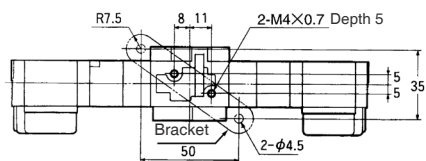
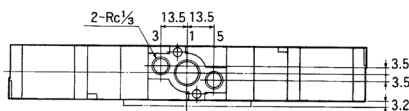
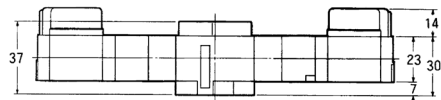


RCD3406 , RCE3406 , RCO3406

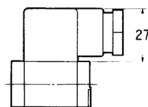
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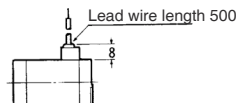
Type G



Type C



Type L



MFU□-RC06 Series

Individual Wiring Type Manifold
Bar Type

MFU□-RC06

Common SUP, common
EXH, port 2 & 4 on the body



Manifold Specifications

Type of manifold		MFU□-RC06 Common SUP, common EXH, port 2 & 4 on the body
Port size	Port 1	Rc¼(Both sides)
	Port 3, 5	Rc¼(Both sides)
	Port 2, 4	Rc¼(Body)
Number of stations		2~10
Mountable solenoid valve		RCS2406-※-※-NF RCD2406-※-※-NF RCD3406-※-※-NF RCE3406-※-※-NF RCO3406-※-※-NF
Blank plate		RC06-BP



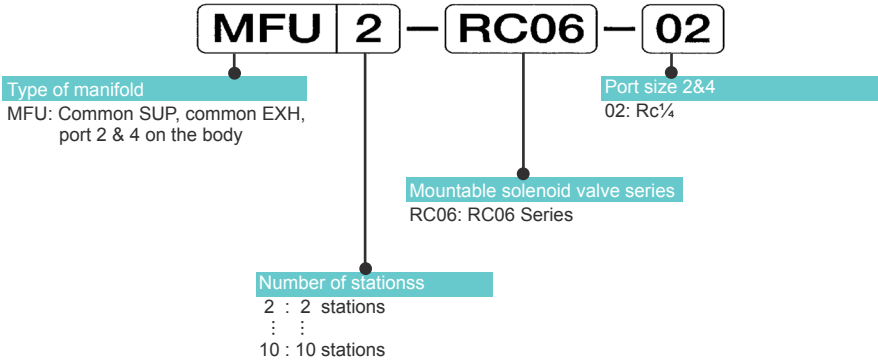
Label

- Specify the type and number of manifolds and solenoid valves, as well as number of blank plates in accordance with the following example.

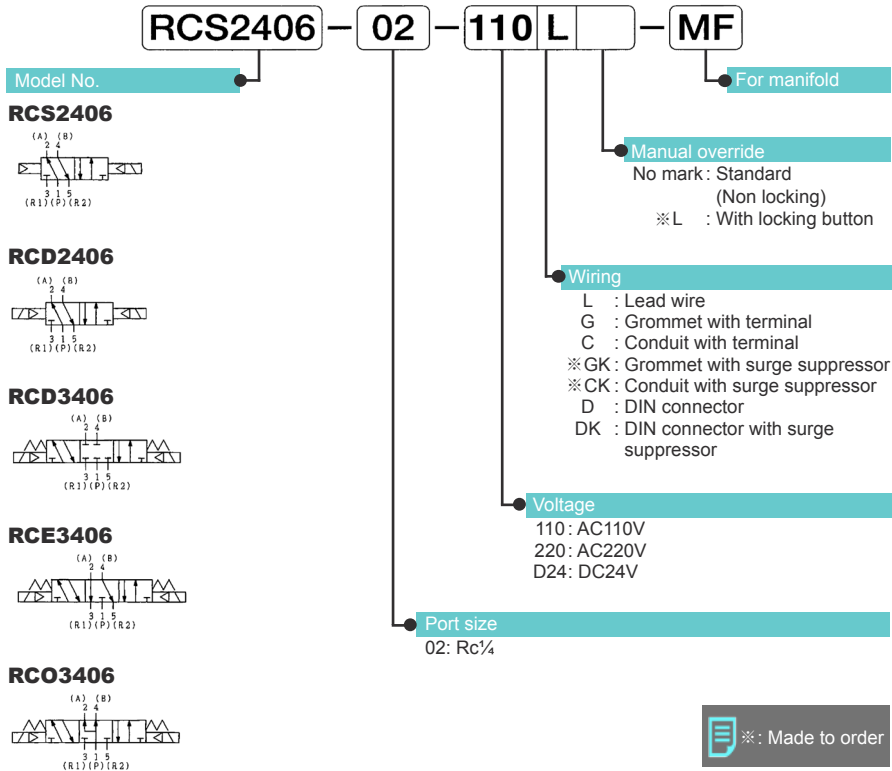
Example: MFU8-RC06-02

RCS2406-NB-110G	4 pcs.
RCD2406-NB-110G	2 pcs.
RCD3406-NB-110G	1 pcs.
RC06-BP	1 pcs.

Manifold



Mountable solenoid valve

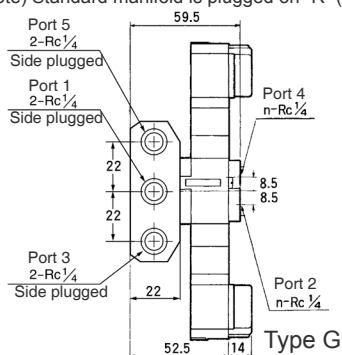


PC/RC06, 08, 15

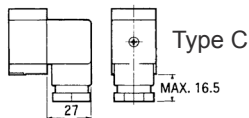
MFU□-RC06-02

(Unit: mm)

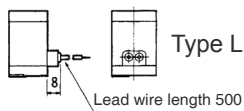
(Note) Standard manifold is plugged on "R" (Right) side ports.



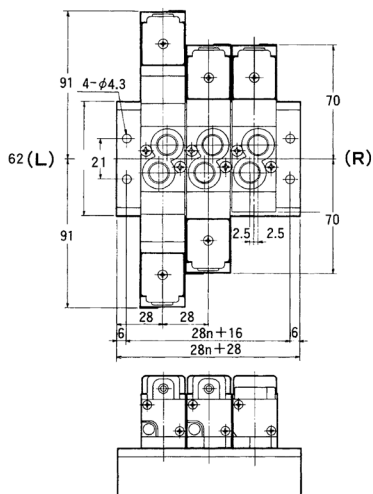
Type G



Type C



Type L



RC08 Series

5 Port Pilot Operated Solenoid Valve
Rubber Seal/In-line Mounting type

RCS2408

2-position, single solenoid

RCD2408

2-position, double solenoid

RCD3408

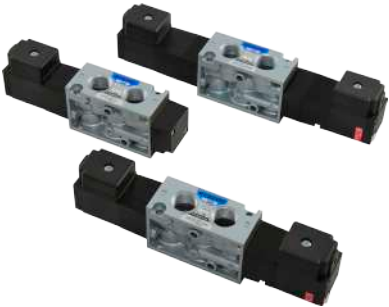
3-position, closed center

RCE3408

3-position, ABR connect

RCO3408

3-position, PAB connect



Specifications

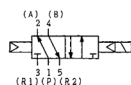
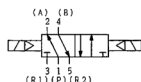
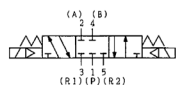
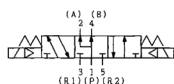
Model No.				Unit	RCS2408	RCD2408	RCD3408 RCE3408	RCO3408
Fluid					Non-lubricated/lubricated air			
Port size					Ports 1, 2 & 4: RC⅜		Ports 3 & 5: RC¼	
Effective area				mm²	30		25	14
Cv value					1.63		1.36	0.76
Operating ambient temperature				°C	-5 ~ 50			
Pressure range				MPa	0.2 ~ 0.8			
Maximum frequency				cycle/min	180			
0.5Mpa response time				s	ON 0.035 OFF 0.045	ON 0.02	ON 0.025 OFF 0.035	
Rated voltage				V	AC110, 220, DC24			
Grade of insulation					JIS grade B			
Permissible voltage fluctuation				%	AC±10, DC+10 - 15			
Rated frequency				Hz	50 / 60			
Power consumption	AC	Holding	50Hz	VA	(110 / 220) 3.2			
			60Hz	VA	(110 / 220) 2.6			
		Inlush	50Hz	VA	(110 / 220) 5			
			60Hz	VA	(110 / 220) 4.5			
Power consumption DC				W	2			
Wiring					Lead wire, Grommet with terminal, Conduit with terminal, DIN connector			
Mass				kg	0.16	0.23	0.29	0.29



- Supply complete-dry air to avoid freezing when temperature of valve site falls below 5°C
- Response time shown above is in accordance with JIB B 8375
- Effective area shown above is the value between port 1 and 2, 4

RCS2408 - 03 - 110 L

Model No.

RCS2408**RCD2408****RCD3408****RCE3408****RCO3408**

Manual override

No mark: Standard
(Non locking)
※ L : With locking button

Wiring

L : Lead wire
G : Grommet with terminal
C : Conduit with terminal
※ GK : Grommet with surge suppressor
※ CK : Conduit with surge suppressor
D : DIN connector
DK : DIN connector with surge suppressor

Voltage

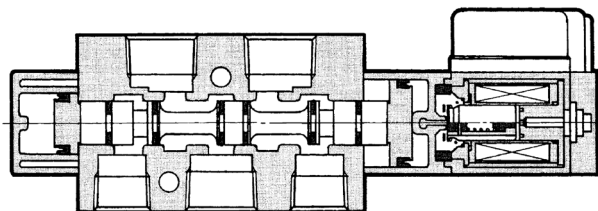
110 : AC110V
220 : AC220V
D24 : DC24V

Port size03: RC $\frac{3}{8}$ 

※ : Made to order

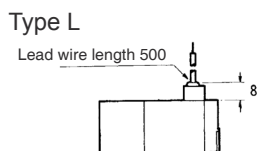
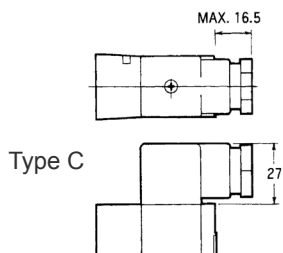
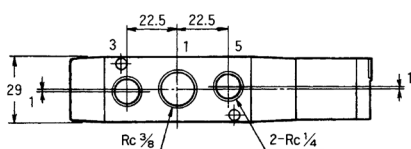
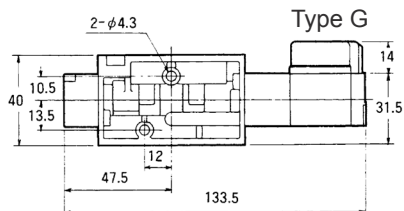
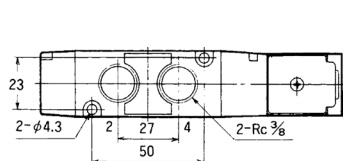
Construction

© RCS2408



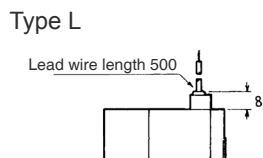
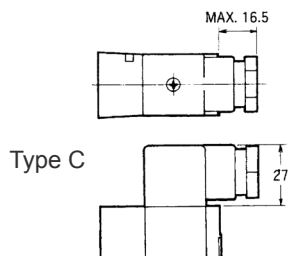
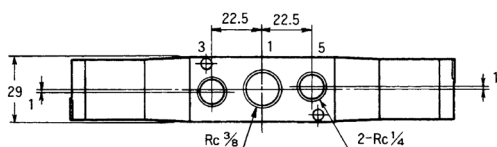
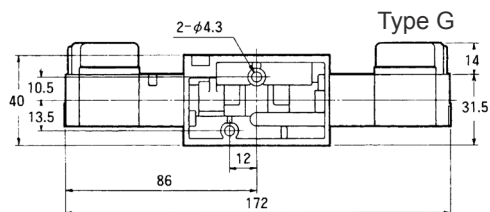
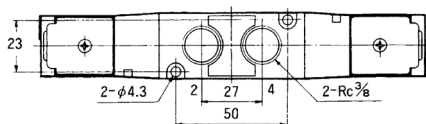
RCS2408

(Unit: mm)



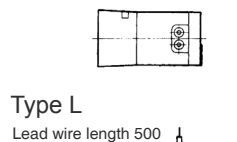
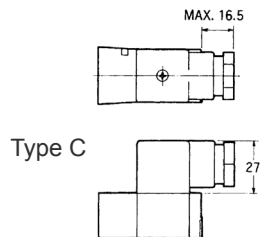
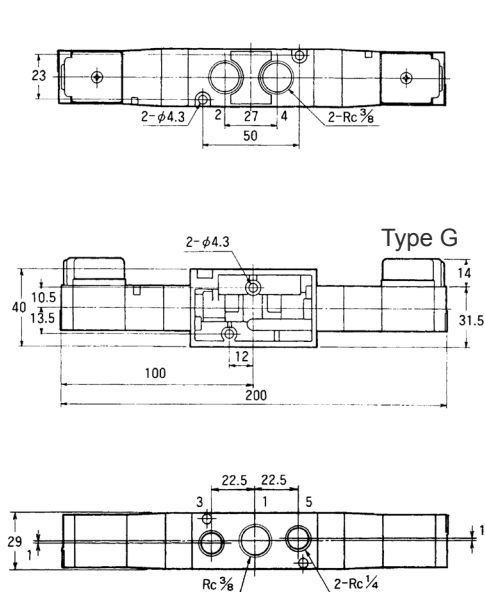
RCD2408

(Unit: mm)



RCD3408 , RCE3408 , RCO3408

(Unit: mm)



MFU□-RC08 Series

Individual Wiring Type Manifold
Bar Type

MFU□-RC08

Common SUP, common
EXH, port 2 & 4 on the body



Manifold Specifications

Type of manifold		MFU□-RC08 Common SUP, common EXH, port 2 & 4 on valve body
Port size	Port 1	Rc% (Both sides)
	Port 3, 5	Rc% (Both sides)
	Port 2, 4	Rc% (Valve body)
Number of stationss		2~10
Mountable solenoid valve		RCS2408-※-※-MF RCD2408-※-※-MF RCD3408-※-※-MF RCE3408-※-※-MF RCO3408-※-※-MF
Blank plate		RC08-BP



Label

- Specify the type and number of manifolds and solenoid valves, as well as number of blank plates in accordance with the following example.

Example: MFU8-RC08-03

RCS2408-03-110G	4 pcs.
RCD2408-03-110G	2 pcs.
RCD3408-03-110G	1 pcs.
RC08-BP	1 pcs.

Manifold



Type of manifold

MFU: Common SUP, common EXH,
port 2 & 4 on the body

Port size 2&4

03: Rc $\frac{3}{8}$

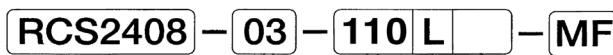
Mountable solenoid valve series

RC08: RC08 series

Number of stations

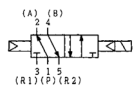
2 : 2 stations
:
:
10 : 10 stations

Mountable solenoid valve

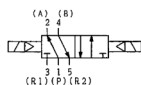


Model No.

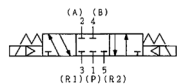
RCS2408



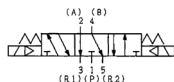
RCD2408



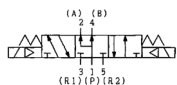
RCD3408



RCE3408



RCO3408



For manifold

Manual override

No mark: Standard
(Non locking)
※ L : With locking button

Wiring

L : Lead wire
G : Grommet with terminal
C : Conduit with terminal
※ GK : Grommet with surge suppressor
※ CK : Conduit with surge suppressor
D : DIN connector
DK : DIN connector with surge suppressor

Voltage

110 : AC110V
220 : AC220V
D24 : DC24V

Port size

03: Rc $\frac{3}{8}$

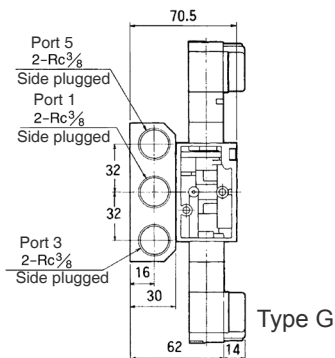


※ : Made to order

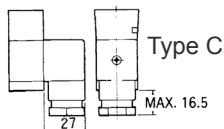
MFU□-RC08

(Unit: mm)

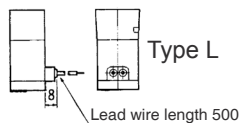
(Note) Standard manifold is plugged on "R" (Right) side ports.



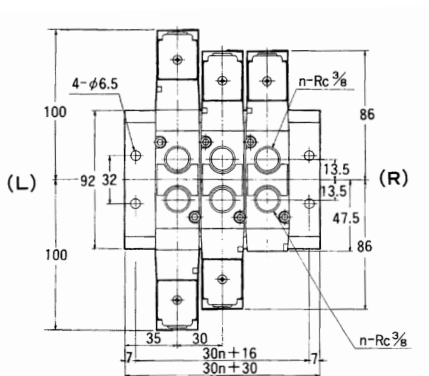
Type G



Type C



Type L



(L)

(R)

