

Direct Operated 2-Port Solenoid Valve



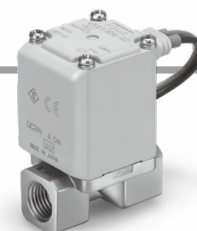
For Air Single Unit

25A-VX21/22/23 Series



RoHS

How to Order (Single Unit)



Common Specifications

Valve type	N.C.
Seal material	NBR
Coil insulation type	Class B
Thread type	Rc

Size/Valve type			Body material/Port size/Orifice diameter		
Symbol	Size	Valve type	Symbol	Body material	Port size / Orifice diameter
1	Size 1	Single unit N.C.	A	Aluminum	1/8" 2
			B		3
			C		5
			D		2
			E		3
			F		5
			H	Resin	2
			J		3
			K		5
			L		2
2	Size 2	Single unit N.C.	M		3
			N		5
			A	Aluminum	1/4" 4
			B		7
			D		4
			E	Resin	7
			H		4
			J		7
			L		4
			M		7
3	Size 3	Single unit N.C.	A	Aluminum	1/4" 5
			B		8
			C		10
			D		5
			E	Resin	8
			F		10
			G		10
			H		5
			J		8
			K		10
			L	Resin	5
			M		8
			N		10

For other special options, refer to the standard products.

Special voltage	48 VAC
	220 VAC
	240 VAC
	12 VDC
DIN terminal with light	
Conduit terminal with light	
Low concentration ozone resistant (Seal material: FKM)	
Oil-free	
G thread	
NPT thread	

Voltage/Electrical entry

Symbol	Voltage	Electrical entry
A	24 VDC	Grommet
	B	100 VAC
	C	110 VAC
	D	200 VAC
	E	230 VAC
F	24 VDC	Grommet (With surge voltage suppressor)
	G	24 VDC
	H	100 VAC
	J	110 VAC
	K	200 VAC
L	230 VAC	DIN terminal (With surge voltage suppressor)
	M	24 VDC
	N	100 VAC
	P	110 VAC
	Q	200 VAC
R	230 VAC	Conduit terminal (With surge voltage suppressor)
	S	24 VDC
	T	100 VAC
	U	110 VAC
	V	200 VAC
W	230 VAC	Conduit (With surge voltage suppressor)
	Y	24 VDC
	Z	Other voltages and electrical options

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

Direct Operated 2-Port Solenoid Valve

25A-VX21/22/23 Series



For Water Single Unit



For Oil Single Unit



For Medium Vacuum Single Unit



How to Order (Single Unit)

25A - VX2 1 4 A A

Series compatible with secondary batteries

Fluid

2	For water
3	For oil
4	For medium vacuum

Size/Valve type

Symbol	Size	Valve type
1	Size 1	Single unit N.C.

Body material/Port size/Orifice diameter

Symbol	Body material	Port size	Orifice diameter
H	Stainless steel	1/8	2
J			3
K			5
L		1/4	2
M			3
N			5

2	Size 2	Single unit N.C.
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H	Stainless steel	1/4	4
J			7
L		3/8	4
M			7

3	Size 3	Single unit N.C.
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H	Stainless steel	1/4	5
J			8
K			10
L		3/8	5
M			8
N			10
P		1/2	10

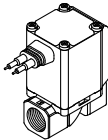
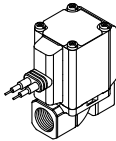
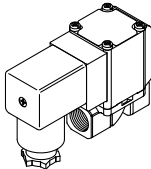
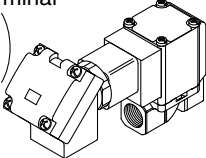
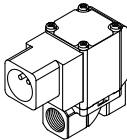
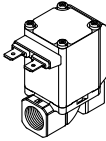
For other special options, refer to the standard products.

Special voltage	48 VAC
	220 VAC
	240 VAC
	12 VDC
DIN terminal with light	
Conduit terminal with light	
G thread	
NPT thread	

Common Specifications

Valve type	N.C.
Seal material	NBR (For water)
	FKM (For oil, medium vacuum)
Coil insulation type	Class B
Thread type	Rc

Voltage/Electrical entry

Symbol	Voltage	Electrical entry
A	24 VDC	Grommet 
B	100 VAC	Grommet (With surge voltage suppressor) 
C	110 VAC	
D	200 VAC	
E	230 VAC	
F	24 VDC	
G	24 VDC	DIN terminal (With surge voltage suppressor) 
H	100 VAC	
J	110 VAC	
K	200 VAC	
L	230 VAC	
M	24 VDC	Conduit terminal (With surge voltage suppressor) 
N	100 VAC	
P	110 VAC	
Q	200 VAC	
R	230 VAC	
S	24 VDC	Conduit (With surge voltage suppressor) 
T	100 VAC	
U	110 VAC	
V	200 VAC	
W	230 VAC	
Y	24 VDC	Flat terminal 
Z	Other voltages and electrical options	

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

Pilot Operated 2-Port Solenoid Valve For Air

25A-VXD Series



RoHS

How to Order

25A - VXD2 3 0 A A

Series compatible with
secondary batteries

Fluid

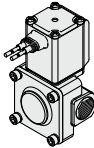
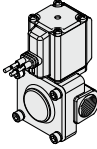
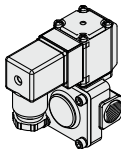
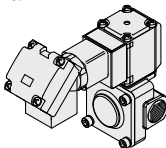
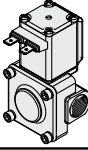
0 For Air

Size—Valve type

Symbol	Size	Valve type	Symbol	Body material	Port size	Orifice diameter
3	8A	N.C.	A	Aluminum	1/4	10
A	10A	N.O.	B		3/8	
	15A		C		1/2	
4	10A	N.C.	J	Stainless steel	3/8	15
B	15A	N.O.	K		1/2	
5	20A	N.C.	M	Stainless steel	3/4	20
C		N.O.				
6	25A	N.C.	P	Stainless steel	1	25
D		N.O.				

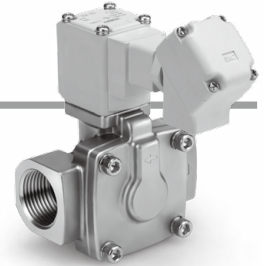
Body material/Port size/Orifice diameter

Voltage/Electrical entry

Symbol	Voltage	Electrical entry
A	24 VDC	Grommet 
B	100 VAC	Grommet (With surge voltage suppressor) 
C	110 VAC	
D	200 VAC	
E	230 VAC	
F	24 VDC	DIN terminal (With surge voltage suppressor) 
G	24 VDC	
H	100 VAC	
J	110 VAC	
K	200 VAC	
L	230 VAC	
M	24 VDC	Conduit terminal (With surge voltage suppressor) 
N	100 VAC	
P	110 VAC	
Q	200 VAC	
R	230 VAC	Conduit (With surge voltage suppressor) 
S	24 VDC	
T	100 VAC	
U	110 VAC	
V	200 VAC	
W	230 VAC	Flat terminal 
Y	24 VDC	
Z	Other special options	

All other special options are the same as those of the standard model.

Special voltage	24 VAC
	48 VAC
	220 VAC
	240 VAC
	12 VDC
DIN terminal with light	
Conduit terminal with light	
Without DIN connector	
Low concentration ozone resistant (Seal material: FKM)	
Seal material: EPDM	
Oil-free	
G thread	
NPT thread	
With bracket	
Special electrical entry direction	



Common Specifications

Seal material	NBR
Coil insulation type	Class B
Thread type	Rc

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

Pilot Operated 2-Port Solenoid Valve For Water

25A-VXD Series



RoHS

How to Order

25A - VXD2 3 2 D A

Series compatible with
secondary batteries

Fluid

2 For Water

Size—Valve type

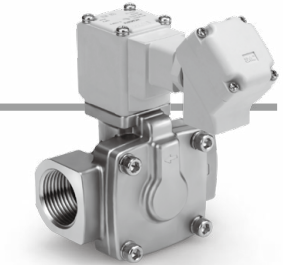
Symbol	Size	Valve type
3	8A	N.C.
A	10A	N.O.
	15A	N.O.
4	10A	N.C.
B	15A	N.O.
5	20A	N.C.
C		N.O.
6	25A	N.C.
D		N.O.

Body material/Port size/Orifice diameter

Symbol	Body material	Port size	Orifice diameter
D	Stainless steel	1/4	10
E		3/8	
F		1/2	
J	Stainless steel	3/8	15
K		1/2	
M	Stainless steel	3/4	20
P	Stainless steel	1	25

All other special options are the same as those of the standard model.

Special voltage	24 VAC
	48 VAC
	220 VAC
	240 VAC
	12 VDC
DIN terminal with light	
Conduit terminal with light	
Without DIN connector	
Applicable to deionized water (Seal material: FKM)	
Seal material: EPDM	
Oil-free	
G thread	
NPT thread	
With bracket	
Special electrical entry direction	



Common Specifications

Seal material	NBR
Coil insulation type	Class B
Thread type	Rc

Voltage/Electrical entry

Symbol	Voltage	Electrical entry
A	24 VDC	Grommet
B	100 VAC	Grommet (With surge voltage suppressor)
C	110 VAC	
D	200 VAC	
E	230 VAC	
F	24 VDC	
G	24 VDC	DIN terminal (With surge voltage suppressor)
H	100 VAC	
J	110 VAC	
K	200 VAC	
L	230 VAC	
M	24 VDC	Conduit terminal (With surge voltage suppressor)
N	100 VAC	
P	110 VAC	
Q	200 VAC	
R	230 VAC	
S	24 VDC	Conduit (With surge voltage suppressor)
T	100 VAC	
U	110 VAC	
V	200 VAC	
W	230 VAC	
Y	24 VDC	Flat terminal
Z	Other voltages and electrical option	

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

Zero Differential Pressure Type Pilot Operated 2-Port Solenoid Valve/For Air

25A-VXZ Series



RoHS

How to Order (Single Unit)

25A - VXZ2 3 0 A A

Series compatible with
secondary batteries

Fluid

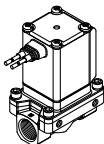
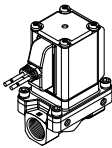
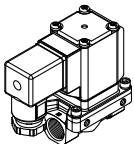
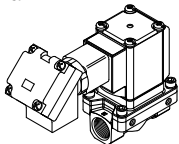
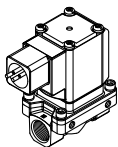
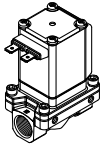
0 For Air

Size/Valve type

Symbol	Body size	Valve type	Symbol	Body material	Port size	Orifice diameter
3	10A	N.C.	A	Aluminum	1/4	10
A		N.O.	B		3/8	
4	15A	N.C.	G	Stainless steel	1/2	15
B		N.O.				
5	20A	N.C.	J	Stainless steel	3/4	20
C		N.O.				
6	25A	N.C.	L	Stainless steel	1	25
D		N.O.				

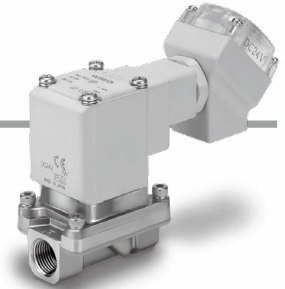
Body material/Port size/Orifice diameter

Voltage/Electrical entry

Symbol	Voltage	Electrical entry
A	24 VDC	Grommet 
B	100 VAC	Grommet (With surge voltage suppressor) 
C	110 VAC	
D	200 VAC	
E	230 VAC	
F	24 VDC	DIN terminal (With surge voltage suppressor) 
G	24 VDC	
H	100 VAC	
J	110 VAC	
K	200 VAC	
L	230 VAC	Conduit terminal (With surge voltage suppressor) 
M	24 VDC	
N	100 VAC	
P	110 VAC	
Q	200 VAC	Conduit (With surge voltage suppressor) 
R	230 VAC	
S	24 VDC	
T	100 VAC	
U	110 VAC	Flat terminal 
V	200 VAC	
W	230 VAC	
Y	24 VDC	
Z	Other voltages	

All other special options are the same as those of the standard model.

Special voltage	24 VAC
	48 VAC
	220 VAC
	240 VAC
	12 VDC
DIN terminal with light	
Conduit terminal with light	
Without DIN connector	
Low concentration ozone resistant (Seal material: FKM)	
Seal material: EPDM	
Oil-free	
G thread	
NPT thread	
With bracket (Standard for resin body)	
Special electrical entry direction	



Common Specifications

Seal material	NBR
Coil insulation type	Class B
Thread type	Rc

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

Zero Differential Pressure Type Pilot Operated 2-Port Solenoid Valve/For Water

25A-VXZ Series



RoHS

How to Order (Single Unit)

25A - VXZ2 3 2 C A

Series compatible with
secondary batteries

Fluid

2 For Water

Size/Valve type

Symbol	Body size	Valve type	Symbol	Body material	Port size	Orifice diameter
3	10A	N.C.	C	Stainless steel	1/4	10
A		N.O.	D		3/8	
4	15A	N.C.	G	Stainless steel	1/2	15
B		N.O.				
5	20A	N.C.	J	Stainless steel	3/4	20
C		N.O.				
6	25A	N.C.	L	Stainless steel	1	25
D		N.O.				

Body material/Port size/Orifice diameter

Voltage/Electrical entry

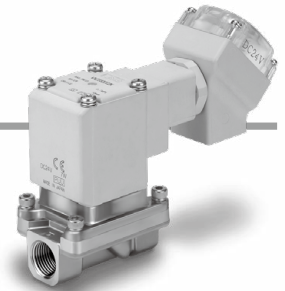
Symbol	Voltage	Electrical entry
A	24 VDC	Grommet
B	100 VAC	Grommet (With surge voltage suppressor)
C	110 VAC	
D	200 VAC	
E	230 VAC	
F	24 VDC	DIN terminal (With surge voltage suppressor)
G	24 VDC	
H	100 VAC	
J	110 VAC	
K	200 VAC	
L	230 VAC	
M	24 VDC	Conduit terminal (With surge voltage suppressor)
N	100 VAC	
P	110 VAC	
Q	200 VAC	
R	230 VAC	
S	24 VDC	Conduit (With surge voltage suppressor)
T	100 VAC	
U	110 VAC	
V	200 VAC	
W	230 VAC	
Y	24 VDC	Flat terminal
Z	Other voltages	

All other special options are the same as those of the standard model.

Special voltage	24 VAC
	48 VAC
	220 VAC
	240 VAC
	12 VDC
DIN terminal with light	
Conduit terminal with light	
Without DIN connector	
Applicable to deionized water (Seal material: FKM)	
Seal material: EPDM	
Oil-free	
G thread	
NPT thread	
With bracket	
Special electrical entry direction	

Common Specifications

Seal material	NBR
Coil insulation type	Class B
Thread type	Rc



Directional Control Valves

Air Cylinders

Related Products

Rotary Actuators

Air Grippers

Vacuum Equipment

Air Preparation Equipment

Clean Air Filters

Modular FRL/Pressure Control Equipment

Fittings/Flow Control Equipment

Detection Switches

Fluid Control Equipment

Electric Actuators

Auto Switches

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)