

Direct Operated 2-Port Solenoid Valve

25A-VX21/22/23 Series

 For Air Single Unit



How to Order (Single Unit)



25A - VX2 1 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	
1	Size 1	Single unit N.C.	A	Aluminum	1/8	2	
			B			3	
			C			5	
			D			1/4	2
			E				3
			F	5			
			H	Resin	ø6 One-touch fitting	2	
			J			3	
			K			5	
			L			ø8 One-touch fitting	2
M	3						
N	5						

Symbol	Size	Valve type	Symbol	Body material	Port size	Orifice diameter
2	Size 2	Single unit N.C.	A	Aluminum	1/4	4
			B			7
			D			3/8
			E	7		
			H	Resin	ø8 One-touch fitting	
			J			7
			L			ø10 One-touch fitting
			M	7		

Symbol	Size	Valve type	Symbol	Body material	Port size	Orifice diameter
3	Size 3	Single unit N.C.	A	Aluminum	1/4	5
			B			8
			C			10
			D		3/8	5
			E			8
			F			10
			G	1/2	10	
			H		Resin	ø10 One-touch fitting
			J	8		
			K	10		
			L	ø12 One-touch fitting		
			M		8	
			N		10	

For other special options, refer to the standard products.

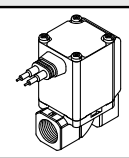
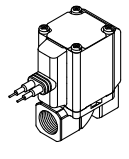
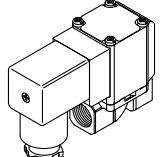
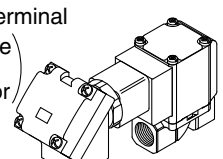
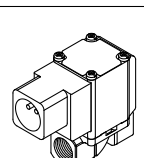
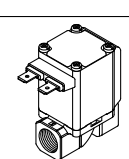
Special voltage	24 VAC	Low concentration ozone resistant (Seal material: FKM)
	48 VAC	
	220 VAC	
	240 VAC	
	12 VDC	
DIN terminal with light		With bracket (Aluminum body only)
Conduit terminal with light		Mounting holes on the bottom side of the body (Aluminum body only)
Without DIN connector		Special electrical entry direction

* Using the oil-free specification in a low dew point environment may result in the reduced service life of the product. Please monitor the actual device in a low dew point environment in order to determine the actual service life of the product.

Common Specifications

Valve type	N.C.
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	DIN terminal (With surge voltage suppressor) 
F	24 VDC	
G	24 VDC	
H	100 VAC	
J	110 VAC	
K	200 VAC	Conduit terminal (With surge voltage suppressor) 
L	230 VAC	
M	24 VDC	
N	100 VAC	
P	110 VAC	Conduit (With surge voltage suppressor) 
Q	200 VAC	
R	230 VAC	
S	24 VDC	
T	100 VAC	
U	110 VAC	
V	200 VAC	Flat terminal 
W	230 VAC	
Y	24 VDC	
Z	Other voltages and electrical options	

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

For details, refer to the Web Catalog.

Direct Operated 2-Port Solenoid Valve

25A-VX21/22/23 Series

 For Water Single Unit

 For Medium Vacuum Single Unit



How to Order (Single Unit)

25A - VX2 1 4 H A

Series compatible with secondary batteries

Fluid

2	For water
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		

Symbol	Size	Valve type
2	Size 2	Single unit N.C.

Symbol	Body material	Port size	Orifice diameter
H	Stainless steel	1/4	4
J			7
L		3/8	4
M			7

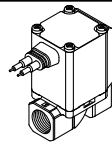
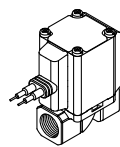
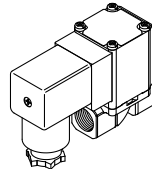
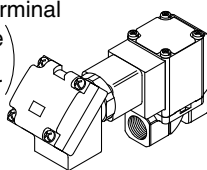
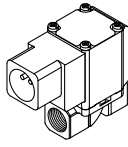
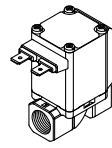
Symbol	Size	Valve type
3	Size 3	Single unit N.C.

Symbol	Body material	Port size	Orifice diameter
H	Stainless steel	1/4	5
J			8
K			10
L		3/8	5
M			8
N			10
P		1/2	10

Common Specifications

Valve type	N.C.
Seal material	NBR (For water)
	FKM (For 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	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	
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	

For other special options, refer to the standard products.

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

* Using the oil-free specification in a low dew point environment may result in the reduced service life of the product. Please monitor the actual device in a low dew point environment in order to determine the actual service life of the product.

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

For details, refer to the Web Catalog.

Directional Control Valves
Air Cylinders
Related Products
Rotary Actuators
Air Grippers
Vacuum Equipment
Air Preparation Equipment
Clean Air Filters
Modular F.R.L./Pressure Control Equipment
Flow Control Equipment/Fittings
Detection Switches
Fluid Control Equipment
Process Gas Equipment
Electric Actuators
Auto Switches

Pilot Operated 2-Port Solenoid Valve For Air

25A-VXD Series



How to Order

25A - VXD2 3 0 A A

Series compatible with secondary batteries

Fluid

0 For Air

Size—Valve type

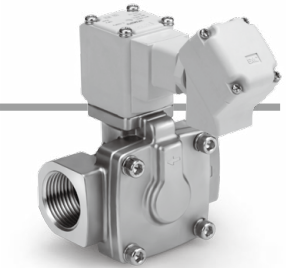
Symbol	Size	Valve type
3	8A	N.C.
	10A	N.O.
A	15A	
4	10A	N.C.
	B	15A
5	20A	N.C.
		C
6	25A	N.C.
		D

Body material/Port size/Orifice diameter

Symbol	Body material	Port size	Orifice diameter
A	Aluminum	1/4	10
		3/8	
		1/2	
J	Stainless steel	3/8	15
		K	
M	Stainless steel	3/4	20
		P	

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	DIN terminal (With surge voltage suppressor)	
	F	24 VDC		
G	24 VDC			
H	100 VAC	Conduit terminal (With surge voltage suppressor)		
	J		110 VAC	
	K		200 VAC	
	L		230 VAC	
M	24 VDC	Conduit (With surge voltage suppressor)		
	N		100 VAC	
	P		110 VAC	
Q	200 VAC	Flat terminal		
R	230 VAC			
S	24 VDC			
T	100 VAC	Other special options		
	U		110 VAC	
V	200 VAC			
W	230 VAC			
Y	24 VDC			
Z				



Common Specifications

Seal material	NBR
Coil insulation type	Class B
Thread type	Rc

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	

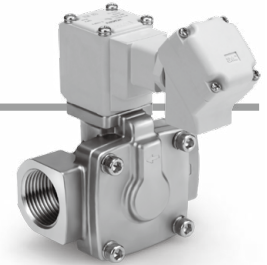
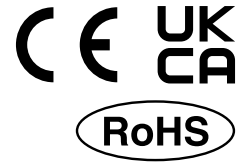
* Using the oil-free specification in a low dew point environment may result in the reduced service life of the product. Please monitor the actual device in a low dew point environment in order to determine the actual service life of the product.

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

For details, refer to the Web Catalog.

Pilot Operated 2-Port Solenoid Valve For Water

25A-VXD Series



How to Order

25A - VXD2 3 2 D A

Series compatible with secondary batteries

Fluid

2 For Water

Common Specifications

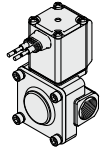
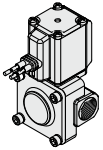
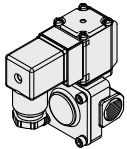
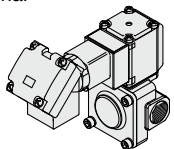

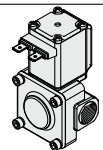
Seal material	NBR
Coil insulation type	Class B
Thread type	Rc

Size—Valve type

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

Body material/Port size/Orifice diameter

Voltage/Electrical entry

Symbol	Voltage	Electrical entry		
A	24 VDC	Grommet 		
		Grommet (With surge voltage suppressor) 		
			B	100 VAC
			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			
T	100 VAC	Conduit (With surge voltage suppressor) 		
U	110 VAC			
V	200 VAC			
W	230 VAC			
Y	24 VDC	Flat terminal 		
Z	Other voltages and electrical option			

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	

* Using the oil-free specification in a low dew point environment may result in the reduced service life of the product. Please monitor the actual device in a low dew point environment in order to determine the actual service life of the product.

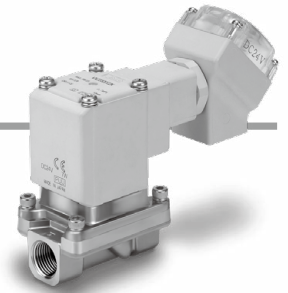
* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the Web Catalog.

Zero Differential Pressure Type

Pilot Operated 2-Port Solenoid Valve/For Air

25A-VXZ Series



How to Order (Single Unit)

25A - VXZ2 3 0 A A

Series compatible with secondary batteries

Fluid

0 For Air

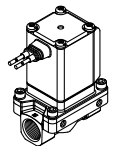
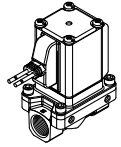
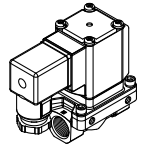
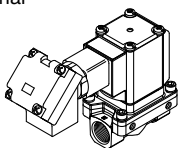
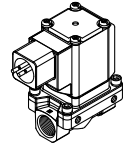
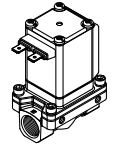
Common Specifications

Seal material	NBR
Coil insulation type	Class B
Thread type	Rc

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.				

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	Conduit terminal (With surge voltage suppressor) 
L	230 VAC	
M	24 VDC	
N	100 VAC	
P	110 VAC	Conduit (With surge voltage suppressor) 
Q	200 VAC	
R	230 VAC	
S	24 VDC	
T	100 VAC	Flat terminal 
U	110 VAC	
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	

* Using the oil-free specification in a low dew point environment may result in the reduced service life of the product. Please monitor the actual device in a low dew point environment in order to determine the actual service life of the product.

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

For details, refer to the Web Catalog.

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

25A-VXZ Series



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
3	10A	N.C.
		N.O.
A	10A	N.C.
		N.O.
4	15A	N.C.
		N.O.
B	15A	N.C.
		N.O.
5	20A	N.C.
		N.O.
C	20A	N.C.
		N.O.
6	25A	N.C.
		N.O.
D	25A	N.C.
		N.O.

Body material/Port size/Orifice diameter

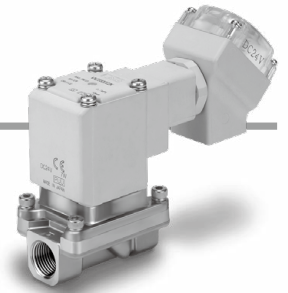
Symbol	Body material	Port size	Orifice diameter
C	Stainless steel	1/4	10
		3/8	
D	Stainless steel	1/2	15
		3/4	
G	Stainless steel	1/2	15
		3/4	
J	Stainless steel	3/4	20
		1	
L	Stainless steel	1	25
		1	

Voltage/Electrical entry

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

Common Specifications

Seal material	NBR
Coil insulation type	Class B
Thread type	Rc



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	

* Using the oil-free specification in a low dew point environment may result in the reduced service life of the product. Please monitor the actual device in a low dew point environment in order to determine the actual service life of the product.

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

For details, refer to the Web Catalog.