

Direct Operated 2-Port Solenoid Valve

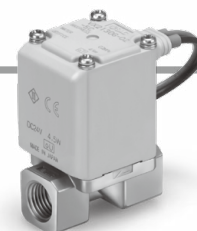
 **For Air** **Single Unit**

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 |

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 |

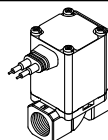
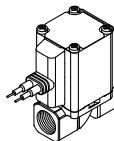
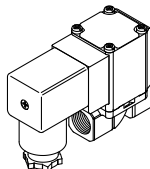
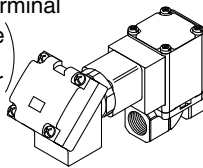
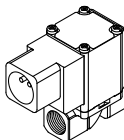
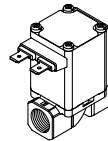
| | | | | | | | |
|---|--------|---------------------|--|---|----------|-----------------------|---|
| 2 | Size 2 | Single unit N.C. | | A | Aluminum | 1/4 | 4 |
| | | | | B | | | 7 |
| | | | | D | | 3/8 | 4 |
| | | | | E | | | 7 |
| | | | | H | Resin | ø8 One-touch fitting | 4 |
| | | | | J | | | 7 |
| | | | | L | | ø10 One-touch fitting | 4 |
| | | | | M | | | 7 |

| | | | | | | | |
|---|--------|---------------------|--|---|----------|-----------------------|----|
| 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 | 5 |
| | | | | J | | | 8 |
| | | | | K | | | 10 |
| | | | | L | | ø12 One-touch fitting | 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

| 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.](#)

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 | Symbol | Body material | Port size | Orifice diameter |
|--------|--------|------------------|--------|-----------------|-----------|------------------|
| 1 | Size 1 | Single unit N.C. | 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. | H | Stainless steel | 1/4 | 4 |
| | | | J | | | 7 |
| | | | L | | 3/8 | 4 |
| | | | M | | | 7 |
| 3 | Size 3 | Single unit N.C. | H | Stainless steel | 1/4 | 5 |
| | | | J | | | 8 |
| | | | K | | | 10 |
| | | | L | | 3/8 | 5 |
| | | | M | | | 8 |
| | | | N | | | 10 |
| | | | P | | 1/2 | 10 |
| | | | | | | |

Body material/Port size/Orifice diameter

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 |
| | 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 |

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 | |

* 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

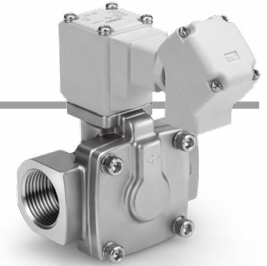
How to Order

25A - VXD2 3 0 A A

Series compatible with
secondary batteries

Fluid

0 For Air



Common Specifications

| | |
|----------------------|---------|
| 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 |
| 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. | | | | |

| 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 | |
| Y | 24 VDC | Flat terminal |
| 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 | |

* 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

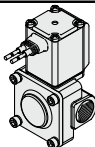
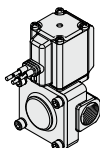
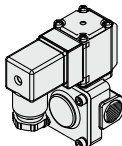
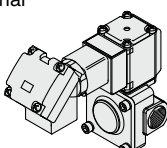
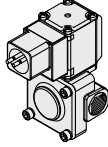
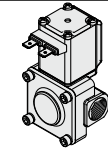

2 For Water

Size—Valve type

| Symbol | Size | Valve type | Symbol | Body material | Port size | Orifice diameter |
|----------|------|------------|----------|-----------------|-----------|------------------|
| 3 | 8A | N.C. | D | Stainless steel | 1/4 | 10 |
| A | 10A | N.C. | E | | 3/8 | |
| | 15A | N.O. | F | | 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

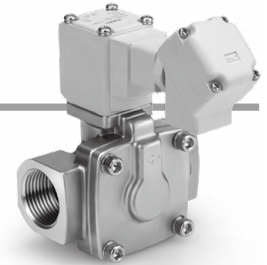
| Symbol | Voltage | Electrical entry |
|--------|--------------------------------------|---|
| A | 24 VDC | Grommet  |
| B | 100 VAC | Grommet (With surge voltage suppressor)  |
| C | 110 VAC | |
| D | 200 VAC | |
| E | 230 VAC | |
| F | 24 VDC | DIN terminal (With surge voltage suppressor)  |
| G | 24 VDC | |
| H | 100 VAC | |
| J | 110 VAC | |
| K | 200 VAC | 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 | 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 | |

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.](#)

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

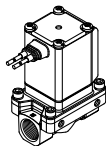
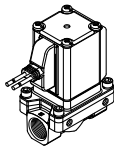
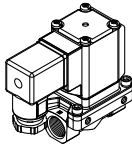
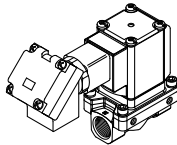
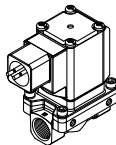
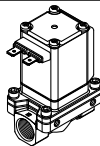
0 For Air

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. | | | | |

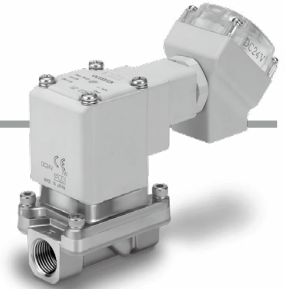
Body material/Port size/Orifice diameter

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

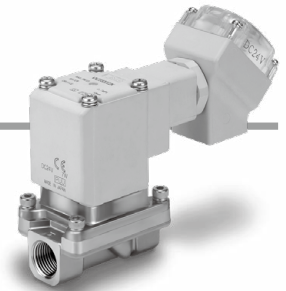
| Symbol | Voltage | Electrical entry |
|----------|----------------|---|
| A | 24 VDC | Grommet |
| B | 100 VAC | Grommet (With surge voltage suppressor) |
| C | 110 VAC | |
| D | 200 VAC | |
| E | 230 VAC | |
| F | 24 VDC | DIN terminal (With surge voltage suppressor) |
| G | 24 VDC | |
| H | 100 VAC | |
| 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.](#)