



Pneumatic Components

# To Use This Product Safely

Be sure to read this before use.  
For general pneumatic components precautions, Intro Page 15 for details.

Individual Precautions: VSQ Series

## Design / Selection

### Warning

- For self-holding type, when pilot air supply is stopped and then restarted (including initial use after shipment), the switching valve is in the neutral state. When restarting pilot air supply, be sure to send a signal to the pilot valve or perform switching by manual operation before use.
- Make sure to turn the power OFF before wiring. Also, during wiring, check the lead wire color, terminal number, etc., and do not short the output terminal, power supply terminal, and common terminal. Shorting may potentially cause switch failure.

### Caution

- To connect to an output terminal or power supply terminal(relay, valve, etc.), install a surge voltage absorption circuit. Also, avoid usage where the current exceeds the rating.
- When using a unit power supply such as switching power supply, ground the F.G.(frame ground).
- Do not short-circuit the output terminal with other terminals.
- When using the twin nozzle type, allow a margin between the vacuum level during workpiece suction and the set value of the large/small nozzle switching pressure switch. If the vacuum level and set value are equivalent, the large/small diameter pilot valves may operate consecutively.

MEMO

For precautions regarding mounting, installation, adjustment, operation, and maintenance, please refer to the CKD Equipment Product Site(<https://www.ckd.co.jp/kiki/en/>) → 'model No.' → [Instruction Manual](#).

Vacuum  
Components

Ejector System

VSX

VSH

VSU

VSX

VSC

VSG

VSK/  
VSKM

VSJ/  
VSJM

VSN/  
VSNM

VXS/  
VXSM

VSQ

VSZM

Ending