



To Use This Product Safely

Be sure to read this before use.

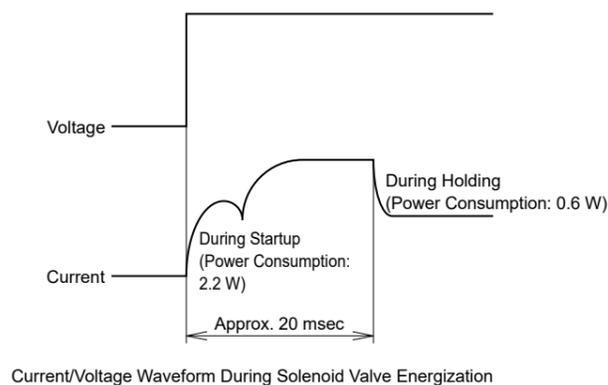
For general pneumatic components precautions, Intro Page 15 for details.

Individual Precautions: 10.3 mm Width Integrated Type VSNP Series

Design / Selection

Warning

- The solenoid valve of this product employs a current control circuit, featuring a mechanism that lowers the current value during coil energization holding. Absolutely avoid use in environments subject to vibration/shock outside of specifications. This can lead to valve malfunction.



Caution

- The solenoid valve lead wire of this product has polarity. If the polarity is incorrect, the solenoid valve will not operate.
- This product does not have a Vacuum Filters. Always use our company's vacuum filter series together with this product. If a vacuum filter is not used, sucked-in dust, dirt, etc., will accumulate inside the product, causing degradation of vacuum performance (ejector system compatible unit) or solenoid valve leakage/ malfunction(ejector system compatible unit, vacuum pump system compatible unit), etc.
(Recommended Vacuum Filters: VSFU Series, VSFJ Series)
- The solenoid valve of this product essentially operates continuously. If performing continuous energization exceeding 15 minutes, limit it to 10 times/day or less. Also, return to normal operation after continuous energization.
- When leaving the product for 24 h or more with pressure 0 to 0.1MPa/OFF, perform a conditioning operation of the solenoid valve (one second or more and x5 times or more before starting operation).

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](#).

How to Use

How to connect sensor connection connector(e-con)

For connection of the sensor connection connector, cut the half-strip part at the tip of the cable lead wire before use. Insert the lead wire fully into the connector and securely crimp it with a tool such as pliers.

- Removal of lead wire insulation is not required.
- Incorrect wiring can lead to destruction, failure, or malfunction of the sensor and indicator. During pressure welding, check the pin number and wire color carefully to avoid mistakes.
- Once the sensor connection connector is crimped, it cannot be reused. If a wiring mistake or lead wire insertion failure occurs, use a new sensor connection connector.

Wiring Specifications

Pin No.	Cable Color
1	Brown (DC+)
2	Unconnected
3	Blue (DC-)
4	Black (IN)

