



Safety precautions

Fluid Control Components: Warnings and Cautions

Be sure to read this section before use.

EXA
FWD
HNB/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/
AD
APK/
ADK
DryAir
EX-
XPLNprf
XPLNprf
HVB/
HVL
S ◇ B/
NAB
LAD/
NAD
Water-
Rela
NP/NAP/
NVP
SNP
CHB/G
MXB/G
Other
valves
SWD/
MWD
DustColl
CVE/
CVSE
CCH/
CPE/D
LifeSci
Gas-
Combust
Auto-
Water
Outdoor
SpecFld
Custom
Ending

Precautions for each model series and for individual products

Controller for large port size dust collector valve (OMC2)

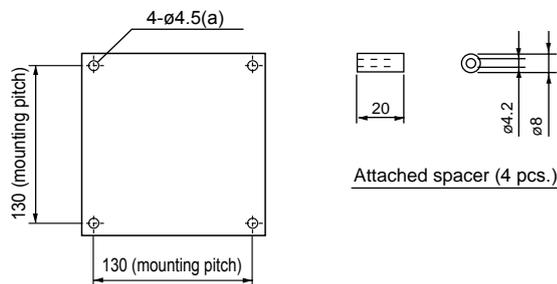
Mounting, piping and wiring

⚠ WARNING

- There is a risk of electric shock if the electrical wiring connections (bare, live parts) of the large port size dust collector valve controller are touched.
 - Always turn the power OFF before carrying out electrical wiring. Do not touch parts other than the switches, terminal block and jumpers.

⚠ CAUTION

- Fixing method
 - Install the product so that it is not exposed to dust or water.
 - There are four holes (a) on the large port size dust collector valve controller as shown below. Use M4 screws, etc., to securely fix the controller. Use the enclosed spacers as required.



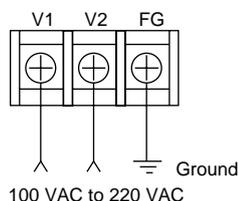
2 Wiring method

Turn the power OFF before starting work.

- Terminal block cable (for TB4): Use a vinyl sheath cable with a section area of 0.75 mm² to 2 mm².
- Terminal processing: Attach a crimp terminal to the end of the wires connected to the AC input and valve output (TB1, TB2). (thread size M3)

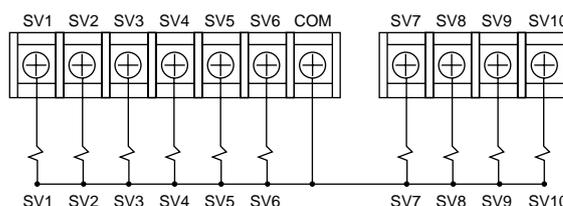
3 AC input and ground

- Always ground the ground cable to prevent electric shocks.
- Confirm the rated voltage of the valve used, and connect the corresponding voltage to the AC input terminal (V1, V2).



4 Valve output

- Connect in order from SV1 on the valve output terminal block for the number of valves to be used.
- After wiring, put the clear terminal cover on the terminal.



When using the product

⚠ CAUTION

1 Confirmation before use

- Turn the main power OFF.
- Confirm that the large port size dust collector valve controller is securely fixed so that it will not fall off.
- After checking wiring, put the terminal cover on the terminal.
- Confirm that the screws on the wired terminal block are not loose.
- Check the power supply voltage with a tester, etc. The voltage fluctuation range must be within ±10% of the rated voltage.
- When selecting the solenoid valve, consider the value indicated for the output circuit leakage current in specifications.

2 Notes for appropriate use

- Do not touch with wet hands.
- Always turn the power switch OFF before changing the settings (touching the jumper or DIP switches) as there is a risk of electric shock.
- Do not disassemble or modify the product.
- Do not insert a socket into the jumper (J6).
- Do not use the pulse-jet valve controller in areas where the ambient temperature is -10°C or less or +60°C or more.