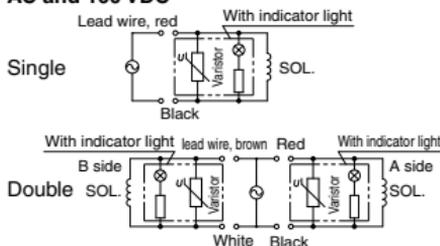
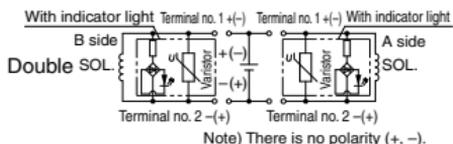
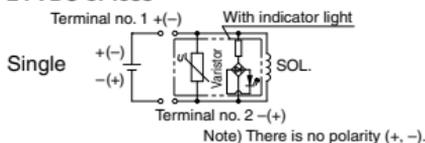
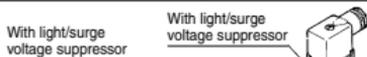
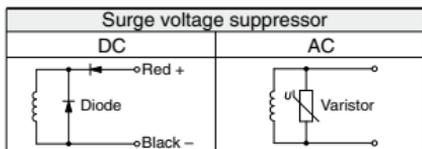


Light/Surge Voltage Suppressor

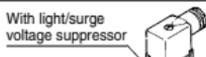
- In the case of surge voltage suppressor, surge voltage absorption device ZNR is attached to AC power.

AC and 100 VDC**24 VDC or less**

- Type G: Use lead wire from solenoid to connect with power side. Grommet with DC voltage surge voltage suppressor has polarity. Connect red lead wire to + (positive) side and black to - (negative) side.



With light/surge voltage suppressor



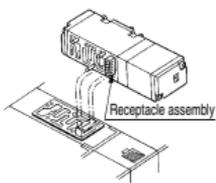
With light/surge voltage suppressor

Plug-in type

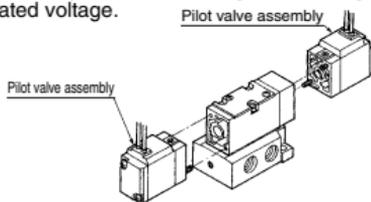
Non plug-in type

How to Exchange**Solenoid valve**

- Loosen 3 set screws (hexagonal socket head cap screw M3 x 31) and pull solenoid valve out vertically, otherwise it may cause damage to the solenoid valve. Never remove a valve at an angle.
- When mounting solenoid valve onto the base, plug pin assembly (base side) into receptacle assembly (body-side) vertically.

**Exchange of pilot valve (Voltage exchange)**

- When changing rated voltage and electrical entry etc., pilot valve assembly can be changed. But in case of a plug-in type with light/surge voltage suppressor, pilot valve assembly cannot be changed for changing rated voltage.



- When mounting pilot valve assemblies and solenoid valve bodies, tighten equally with the tightening torque shown in the right to prevent gaskets from slipping.

Pilot Valve Assembly**SF4-□-□**

Holding screw	Proper tightening torque (N·m)
M3	0.45 to 0.6

Solenoid Valve Body

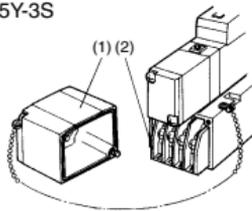
Holding screw	Proper tightening torque (N·m)
M3	0.8 to 1.2

Electrical Connection**Single unit/Plug-in type sub-plate: T Conduit terminal (With terminal block)**

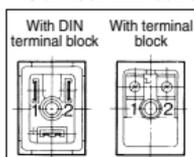
- If the junction cover (1) of the sub-plate is removed, you can see the plug-in type terminal block (2) (part no. NVF2000-27A-1) mounted inside the sub-plate. The following markings are on the terminal block board. Connect with corresponding power side.

Description	Solenoid A side	Solenoid B side
Terminal block marking	A A	B B
	+ -	+ -

- There is no polarity.
- When ground wiring and COM wiring are required, please specify separately.
- Applicable terminal: 1.25-3, 1.25-3S, 1.25Y-3N, 1.25Y-3S

**Single unit/Non plug-in type sub-plate: G, E, T, D**

- Type G:** Use lead wire from solenoid to connect with power side.
- Type E, T, D:** In the case of a DIN terminal and terminal block (with light/surge voltage suppressor), the interior wiring is shown below. Connect with corresponding power side.



Applicable terminal: 1.25-3, 1.25-3S, 1.25Y-3N, 1.25Y-3S, but in the case of with DIN connector board, is not a terminal structure.
Tightening torque for terminal: 0.6 N·m

Note) There is no polarity.

Changing Direction of DIN Terminal/Cable Entry

- Change of the electrical entry of DIN type connector cable: Unscrew retaining screw, pull off outer cover, rotate connector board through 180°. Replace cover and tighten screw. Applicable cable: O.D. $\phi 6$ to $\phi 8$.