



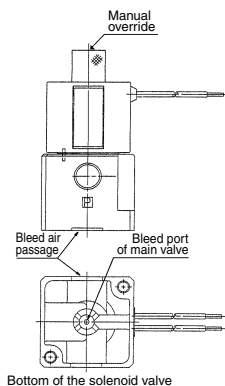
VT317 Series

Specific Product Precautions

Be sure to read this before handling the products. Refer to back page 50 for Safety Instructions and pages 3 to 9 for 3/4/5 Port Solenoid Valve Precautions.

⚠ Caution

1. A bleed port for the main valve is located at the bottom of the solenoid valve. Since blocking it causes malfunction, do not block it.
- * Ordinarily, when the solenoid valve is mounted on a metal surface, it can breathe through the breather hole, via the breather groove. However, in particular, if the surface to be mounted is made of the rubber, the rubber could deform and block the hole.
2. Make sure that dust and/or other foreign materials should not enter the valve from the unused port (e.g. exhaust port). Also, since there is a bleed port for the armature in the manual override, do not allow accumulation of dust and/or other foreign materials to block bleed port.



How to Calculate the Flow Rate

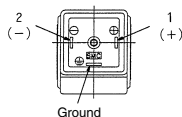
For obtaining the flow rate, refer to front matter.

Lead Wire Color (Grommet)

Voltage	Color
100 VAC	Blue
200 VAC	Red
DC	Red (+), Black (-)
Other	Gray

Electrical Connection

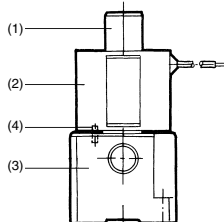
DIN terminal is connected inside as in the figure below. Connect to the corresponding power supply.



⚠ Caution

Change of Electrical Entry Angle

1. The VT317 series can change electrical entry angle. (4 positions)
2. How to change: Loosen the nut (1), remove the coil (2) from the body assembly (3), place the positioning pin (4) at the required place, put back the coil (2) to its place, and tighten sufficiently with lock nut (1).



⚠ Caution

Lock Nut

If the lock nut comes off due to insufficient tightening, vibration, etc., the position of the coil may deviate, causing it to burn out. To prevent such occurrences, periodically check whether the lock nut has loosened.

Light/Surge Voltage Suppressor

	Grommet (G) Conduit (C)	Conduit terminal (T) DIN terminal (D)
Surge voltage suppressor (S)	AC 	
	DC 	
Light/Surge voltage suppressor (Z)	AC 	
	DC None	

Protection circuit for light/surge voltage suppressor is not the polarity type.