

Rubber Seal 3 Port/Pilot Poppet Type Base Mounted/Single Unit VP300/500/700 Series



Note) Only DIN and conduit terminal types are available for AC mode.
Refer to the electrical entry for details.

How to Order

Base mounted

VP 3 4 4 - 5 G 1 - A -

Series

3	VP300
5	VP500
7	VP700

Pilot type

Nil	Internal pilot
R	External pilot

Pressure specification

Nil	Standard (0.7 MPa)
K	High-pressure type (1.0 MPa)

Coil specification

Nil	Standard
T	With power saving circuit (DC only)

Note) Be sure to select the power saving circuit type when it is continuously energized for a long time.
(Refer to page 1296 for details.)

* T type is only available for DC mode.
When T is selected, only Z type of light/surge voltage suppressor is available.

(Note that when the electrical entry of DIN terminal type without connector is selected, only DOS and YOS are available.)

Rated voltage

DC

5	24 VDC
6	12 VDC

AC (50/60 Hz)

1	100 VAC
2	200 VAC
3	110 VAC [115 VAC]
4	220 VAC [230 VAC]
7	240 VAC
B	24 VAC

Type of actuation

A	N.C. (Normally closed)
B	N.O. (Normally open)

Thread type

Nil	Rc
F	G
N	NPT
T	NPTF

Made to Order

Nil	—
X500	Pilot exhaust port with piping thread (M3) specification (Refer to page 1291).
X600	Triac output specification (Refer to page 1291).

Port size (Sub-plate)

Symbol	Port size	VP300	VP500	VP700
Nil	Without sub-plate*	—	—	—
01	1/8	○	—	—
02	1/4	○	○	—
03	3/8	—	○	○
04	1/2	—	—	○

* With a gasket and two mounting bolts.

Electrical entry

Grommet	L-type plug connector	M-type plug connector	DIN terminal	DIN (EN175301-803) terminal	Conduit terminal
G: Lead wire length 300 mm H: Lead wire length 600 mm	L: With lead wire (length 300 mm) LN: Without lead wire	M: With lead wire (length 300 mm) MN: Without lead wire	D: With connector DO: Without connector	Y: With connector YO: Without connector	T: Conduit terminal
G: Lead wire length 300 mm H: Lead wire length 600 mm DC Without light/surge voltage suppressor	LO: Without connector	MO: Without connector	DO: Without connector	YO: Without connector	
CE-compliant	DC	CE	CE	CE	CE
	AC ^{*)}	—	—	—	—

Manual override

Nil: Non-locking push type	D: Push-turn locking slotted type	E: Push-turn locking lever type

Light/surge voltage suppressor

	DC	AC
Nil	Without light/surge voltage suppressor	○
S	With surge voltage suppressor	○ (Non-)
Z	With light/surge voltage suppressor	○
R	With surge voltage suppressor (Non-polar)	○
U	With light/surge voltage suppressor (Non-polar)	○

Note) There is no S option for AC mode, since a rectifier prevents surge voltage generation.

* In the DIN terminal type, since a light is installed in the connector, DOZ, DOU, YOZ, YOU are not available.

Caution

When using the surge voltage suppressor type, residual voltage will remain. Refer to page 1300 for details.

* LN and MN types are with 2 sockets.
* Refer to page 1294 when different length of lead wire for L/M-type plug connector is required.
* Refer to page 1295 for details on the DIN (EN175301-803) terminal.
Note) With the same specifications as the DC type, all lead wire entries for the 24 VAC type are CE marking compliant.