

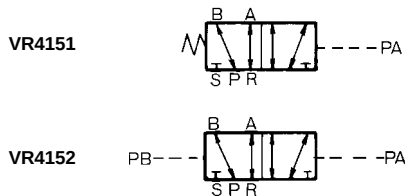
Related Products VR4151/4152

Relay Valve

Appropriate output sequences are affected according to the signal received from the mechanical valve.



JIS Symbol



Specifications

Fluid	Air	
Operating pressure	0 to 1.0MPa	
Pilot pressure	0.15 to 1.0MPa	
Ambivalent and fluid temperature	-5 to 60°C (No freezing)	
Effective area (Nl/min)	Rc(PT) 1/8 7mm ² (338.77)	
Port size	1/8	
Weight	Side	350g
	Bottom	300g
Lubrication	Not required/Turbine oil #1 (ISO VG32)	

Model

Function	Subplate	Model	Indicator
Single pilot	W/o subplate	VR4151-00-0	
		VR4151-00-1	○
	W/ subplate side piping style	VR4151-01A-0	
		VR4151-01A-1	○
Double pilot	W/ subplate bottom piping style	VR4151-01B-0	
		VR4151-01B-1	○
Double pilot	W/o subplate	VR4152-00-0	
		VR4152-00-1	○
	W/ subplate side piping style	VR4152-01A-0	
		VR4152-01A-1	○
Double pilot	W/ subplate bottom piping style	VR4152-01B-0	
		VR4152-01B-1	○



Precautions

- Be sure to read before handling.
- Refer to 0-33 to 0-36 for Safety Instructions and common precautions.

Environments

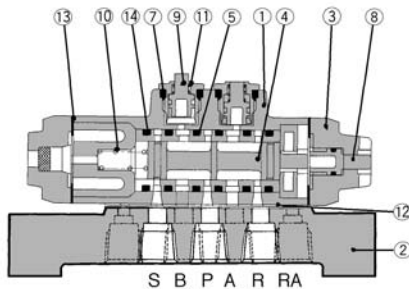


Cautions

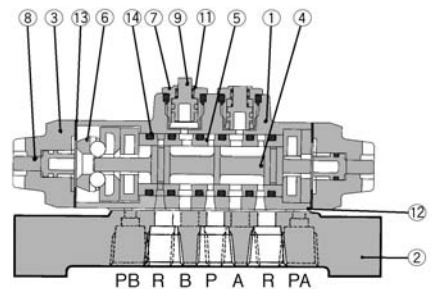
- ① Operate the valve in an area in which the vibration does not exceed 5G. Vibrations could cause the valve to malfunction.

Construction

VR4151



VR4152



Component Parts

No.	Description	Material	No.	Description	Material
①	Valve	Aluminum alloy	⑧	Manual button	Polyethelene
②	Sub-plate	Zinc alloy	⑨	Piston	Polyethelene
③	Pilot cover	Aluminum alloy	⑩	Spring	Steel
④	Spool	Stainless steel	⑪	Spring	Stainless steel
⑤	Sleeve	Stainless steel	⑫	Gasket	NBR
⑥	Detent assembly		⑬	Gasket	NBR
⑦	Piston cover	Brass	⑭	O ring	NBR

How to Order

E VR41 **5** **1** **01** **A** **1**

Area code

-	Japan, Asia, Australia, England
E	Europe
N	North America

Thread

-	Rc(PT)
F	G(PF)
N	NPT
T	NPTF

Indicator light

0	No
1	Yes

Sub-plate

A	Side piping
B	Bottom piping

Port size

00	W/o sub-plate
01	1/8

Number of pilot ports

1	Single pilot
2	Double pilot

Number of ports

5	5 ports
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S□A

V□A

S□A

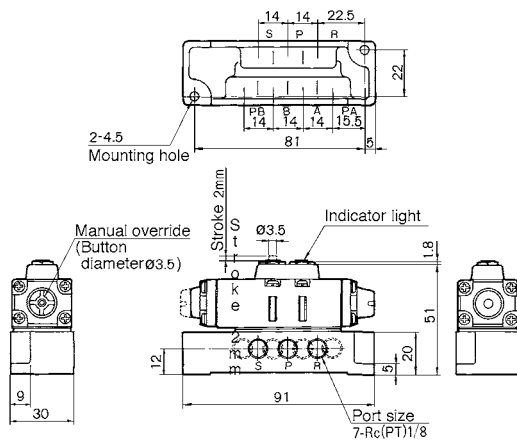
V□A

VM/VR

VH

Dimensions

Side piping



Bottom piping

