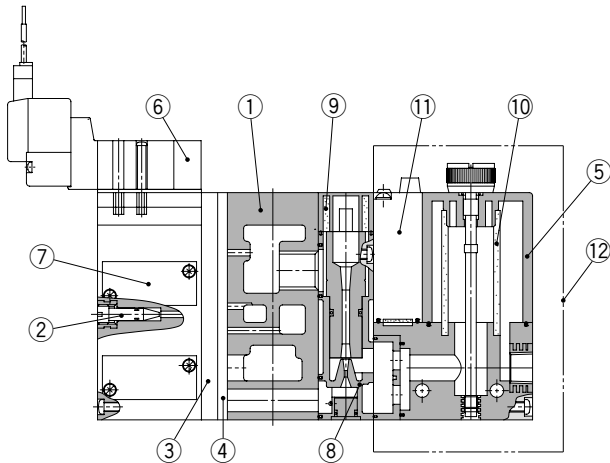


Construction



Component Parts

| No. | Description | Material | Part Model |
|----------------------|------------------------------------|-----------------|-------------------------------------|
| 1 | Manifold base | Aluminum | |
| 2 | Release flow rate adjusting needle | Stainless steel | ZR-NA ^{Note 2)} |
| 3 | Function plate | PBT | Refer to page 962. |
| 4 | Individual spacer | PBT | Refer to page 962. |
| 5 ^{Note 1)} | Filter case | Polycarbonate | Refer to page 953. |
| 6 | Pilot valve assembly | — | Refer to "Table (5)" on page 944-1. |
| 7 | Valve body assembly | — | Refer to "Table (1)" on page 944-1. |

| No. | Description | Material | Part Model |
|-----|------------------------------------|----------|--------------------------------------|
| 8 | Ejector assembly | — | Refer to "Table (2)" on page 944-1. |
| 9 | Silencer | PVF | Refer to "Table (3)" on page 944-1. |
| 10 | Filter element | PVF | ZR1-FZ(30 μm) |
| 11 | Pressure switch for vacuum | — | ZSE2-OR-15-□ ZSE30A-00-□-□□□-X505 |
| 12 | Filter switch unit for replacement | — | ZR1-F□□□□-D |

- Note 1) Precautions on handling the filter case
1. The case is made of polycarbonate. Therefore, do not contact it or expose it to the following chemicals: paint thinner, carbon tetrachloride, chloroform, acetic ester, aniline, cyclohexane, trichloroethylene, sulfuric acid, lactic acid, water soluble cutting oil (alkalinic), etc.
 2. Do not expose it to direct sunlight.
- Note 2) Turning the release flow rate adjusting needle 2 full turns from the fully closed position renders the needle valve fully open. Do not turn more than two times since turning excessively may cause the needle fall off.
- In order to prevent the needle from loosening and falling out, the release flow rate adjusting (ZR-ND-L) lock nut is also available.

How to Order Solenoid Valves/Air Operated Valves

Air operated

ZR1- SYJA3130

Solenoid valve

ZR1- SYJ3233 - □ □ □ □ - X126 X127 - □ □
SYJ3133 - □ □ □ □ - □ □

rated voltage

| | |
|---|-----------------|
| 5 | DC24V |
| 6 | DC12V |
| V | DC6V |
| S | DC5V |
| R | DC3V |
| 1 | AC100V(50/60Hz) |
| 3 | AC110V(50/60Hz) |

Electrical entry

| | | |
|----|-----------------------|--------------------|
| L | L plug connector type | Lead wire: 0.3 m |
| LN | | Without lead wires |
| LO | | Without connector |
| M | M plug connector type | Lead wire: 0.3 m |
| MN | | Without lead wires |
| MO | | Without connector |
| G | Grommet type | Lead wire: 0.3 m |
| H | | Lead wire: 0.6 m |

CE compliant

| | |
|-----|------------------------|
| Nil | Standard |
| Q | CE compliant (DC only) |

Manual override

| | |
|-----|-----------------------|
| Nil | Non-locking push type |
| D | Slotted locking type |

Light/Surge voltage suppressor

| | |
|-----|---|
| Nil | None |
| Z | With light and surge voltage suppressor |
| S | With surge voltage suppressor (DC only) |

Note) Pilot valve gasket (SYJ3000-14-6) is included. (ZR1-PVG-1 or ZR1-PVG-2)