

Miniature inline filter FSM-VFM Series

During use & maintenance

⚠ CAUTION

■ Do not use this product for vacuum circuits that could come in contact with acids, alkaline, carboxylic acid, other organic compounds, screw lock agent, solvent, or alcohol solutions, or air containing these substances. The body could be damaged, and cause a hazardous situation.

■ Use the designated tube and plastic plug.

- Tube outer diameter precision
 - Polyamide tube Within ± 0.1 mm
 - Polyurethane tube
 - (to $\varnothing 6$) Within ± 0.1 mm
 - ($\varnothing 8$ to) Within $+0.1$ / -0.15 mm

- CKD recommended model No.

Plastic plug	GWP□-B Series
Soft nylon tube	F15** Series
Polyurethane tube	U95** Series
Urethane tube	NU-04, 06 Series

■ For cautions regarding push-in fitting, also read "Safety precaution for fitting/tube" on pages 976 to 978.

■ To check the polyamide case for cracks, damage, and other deterioration, perform the periodical inspection/cleaning/replacement.

■ Clogged filter element may cause degradation of vacuum source, so perform periodical inspection/cleaning/replacement of the element.

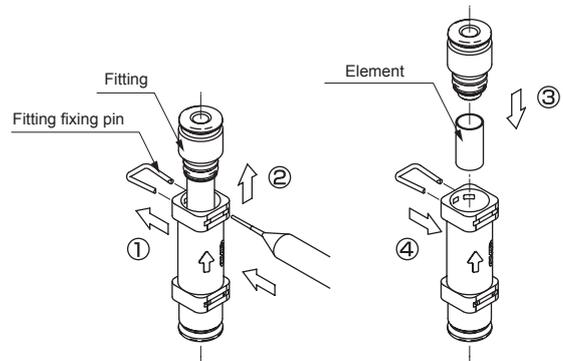
■ When the body is dismantled to clean or replace the filter element, the pressure in bowl must be reduced to atmospheric pressure before starting work. Because the direction of flow has an orientation, check the arrow display on body before performing re-assembly. After performing re-assembly, check if the required degree of vacuum is reached.

■ Rinse the body with water after washing with household neutral detergent.

■ If small objects with small particle diameter such as dust during the suction enter the flow path, the foreign matters could not be filtered and be flowed to the secondary side. Select a filter matched to the purpose.

Element replacement method

⚠ CAUTION



- (1) Remove the fitting fixing pin using a jig with a pointed top, etc. (Make sure not to lose the fitting fixing pin because it will be used again.)
- (2) Pull out the fitting.
- (3) Replace the element and push in the fitting.
- (4) Push in the fitting fixing pin to fix the fitting.

SCPD3
SCM
SSD2
MDC2
SMG
LCM
LCR
LCG
LCX
STM
STG
STR2
MRL2
GRC
Cylinder Switch
MN3E MN4E
4GA/B
M4GA/B
MN4GA/B
F.R.(module unit)
Clean F.R
Precision R
Press gauge Diff. press gauge
Electro-pneumatic R
Speed controller
Auxiliary valve
Fitting/tube
Clean air unit
Pressure sensor
Flow rate sensor
Valve for air blow
Ending