SMC Corporation of America

Product Information



Speed Controller with One-Touch Fitting Series AS-1F, AS-1FG

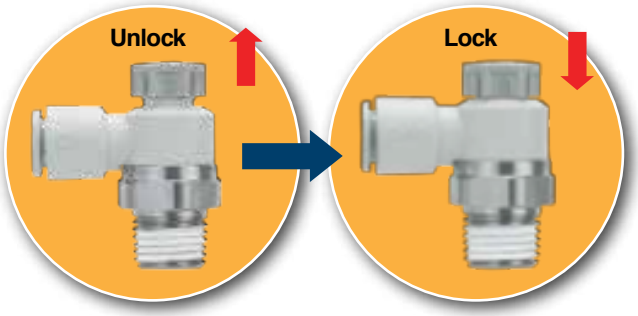
Precise Motion Control with Convenient Installation

- *Integral One-Touch fitting simplifies tubing installation.*
- *Reduce labor time with large Push-Lock type handle.*
- *Increased tubing height from previous model eases tube removal/installation.*
- *Available in Elbow and Universal types.*
- *Color coded release button and handle for tube and meter type ID.*

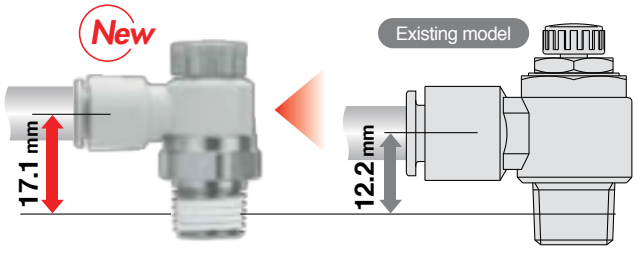
Easy to use

Push-lock type

Easy to lock



More space beneath the tube. Easier installation/removal of the tube.



AS22□1F-02-□SA

AS22□1F-02-□

RoHS Compliant

Variations

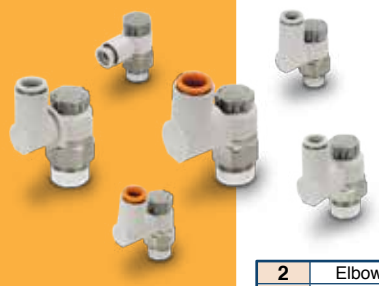












How to Order

Port size

M5	M5 x 0.8
U10/32	10-32UNF

Applicable tubing O.D. Note 1)

Inch size		Metric size	
01	ø1/8"	02	ø2 mm
03	ø5/32"	23	ø3.2 mm Note 2)
07	ø1/4"	04	ø4 mm
		06	ø6 mm

Note 1) For selecting applicable tubing O.D., refer to catalog. Inch and metric size types can be visually identified by color of the release button.
Inch size: Orange
Metric size: Light gray

Note 2) Use ø 1/8" tubing.

Type

2	Elbow
3	Universal Note)

Note) Not avilable in all port/ hubing configurations, see catalog tables for available models

Metal parts material

Nil	Brass, steel (nickel plated)
G	Stainless Steel

Body Size

1	M5 X 0.8 (10-32 UNF)

Body Size 1

AS 1 [2] [0] 1F [ ] – [M5] – [07] [A]

Body Size 2/3/4

AS [2] [2] [0] 1F [ ] – [N] [01] – [07] [S] [A]

- AS: Speed Control
- 1F: With One-Touch Fittings

Seal Method

Nil	W/O sealant
S	With sealant

Body Size

2	1/8, 1/4
3	3/8
4	1/2

Contol Type *Note)*

0	Meter-out
1	Meter-in

Note 1) Meter-in and meter-out types can be visually indentified by color of the handle.
Meter-out: Gray
Meter-in: Light blue

Port Size

01	1/8"
02	1/4"
03	3/8"
04	1/2"

Thread Type

Nil	R
N	NPT
G	G (ISO) *Note 1)*
U	Uni-fit *Note 2)*

Note 1) Not available with inch tubing sizes

Note 2) Not available in stainless steel material

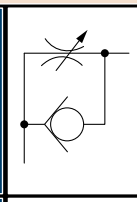
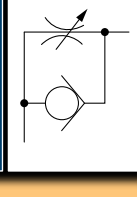
Applicable Tubing O.D. *Note 1)*

Inch size		Metric size	
01	ø1/8"	23	ø3.2 mm Note 2)
03	ø5/32"	04	ø4 mm
07	ø1/4"	06	ø6 mm
09	ø5/16"	08	ø8 mm
11	ø3/8"	10	ø10 mm
13	ø1/2"	12	ø12 mm
		16	ø16 mm

Note 1) For selecting applicable tubing O.D., refer to catalog. Inch and metric size types can be visually identified by color of the release button.
Inch size: Orange
Metric size: Light gray

Note 2) Use ø 1/8" tubing.

Flow Direction Symbols on Body

Indication Symbol	
Meter-in type	
Meter-out type	

Push-lock Series Variations

Speed Controller with Indicator/ Series AS-FS

Numerical indication of handle rotation for flow rate recudces flow setting time and setting errors!



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