

# Air Filter

# 25A-AF20-D to 25A-AF60-D



## How to Order

25A - AF **30** - **03** **B** - **D**

① ② ③ ④ ⑤

• Series compatible with secondary batteries

- Semi-standard: Select one each for **a** and **b**.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) 25A-AF30-N03B-RZ-D

	Symbol	Description	① Body size				
			20	30	40	50	60
② Pipe thread type	Nil	Rc	●	●	●	●	●
	N	NPT	●	●	●	●	●
	F	G	●	●	●	●	●
③ Port size	01	1/8	●	—	—	—	—
	02	1/4	●	●	●	—	—
	03	3/8	—	●	●	—	—
	04	1/2	—	—	●	—	—
	06	3/4	—	—	●	●	—
	10	1	—	—	—	●	●
④ Option Mounting	Nil	Without mounting option	●	●	●	●	●
	B*1	With bracket	●	●	●	●	●
⑤ Semi-standard a	Flow direction	Nil	●	●	●	●	●
		R	●	●	●	●	●
⑤ Semi-standard b	Unit	Nil	●	●	●	●	●
		Z*2	○*2	○*2	○*2	○*2	○*2

\*1 Option B is included in the package with the product but does not come assembled. The assembly consists of 2 types of brackets and 2 mounting screws.

\*2 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

### Bracket, Bowl Assembly Part Nos. for the 25A- Series

Option	Model					
	25A-AF20-D	25A-AF30-D	25A-AF40-D	25A-AF40-06-D	25A-AF50-D	25A-AF60-D
Bracket assembly*1	25A-AF24P-070AS	25A-AF34P-070AS	25A-AF44P-070AS	25A-AF49P-070AS	25A-AF54P-070AS	
Bowl assembly	25A-C2SF-D	25A-C3SF-D	25A-C4SF-D			

\*1 The assembly consists of an A and B bracket and 2 mounting screws.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

# Air Filter

# 25A-AF20-A to 25A-AF60-A



## How to Order

25A - AF **30** - **03** **B** - **A**

1   
 2   
 3   
 4   
 5

• Series compatible with secondary batteries

- Semi-standard: Select one each for **a** and **b**.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) 25A-AF30-N03B-RZ-A

		Symbol	Description	①					
				Body size					
				20	30	40	50	60	
②	Pipe thread type	Nil	Rc	●	●	●	●	●	
		N	NPT	●	●	●	●	●	
		F	G	●	●	●	●	●	
③	Port size	01	1/8	●	—	—	—	—	
		02	1/4	●	●	●	—	—	
		03	3/8	—	●	●	—	—	
		04	1/2	—	—	●	—	—	
		06	3/4	—	—	●	●	—	
		10	1	—	—	—	●	●	
④	Option Mounting	Nil	Without mounting option	●	●	●	●	●	
		B*1	With bracket	●	●	●	●	●	
⑤	Semi-standard a	Flow direction	Nil	Flow direction: Left to right	●	●	●	●	●
		R	Flow direction: Right to left	●	●	●	●	●	
	b	Pressure unit	Nil	Name plate and caution plate for bowl in SI units: MPa	●	●	●	●	●
		Z*2	Name plate and caution plate for bowl in imperial units: psi, °F	○*2	○*2	○*2	○*2	○*2	

\*1 A bracket is not assembled and supplied loose at the time of shipment. Including 2 mounting screws.

\*2 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

### Bracket, Bowl Assembly Part Nos. for the 25A- Series

Option	Model	25A-AF20-A	25A-AF30-A	25A-AF40-A	25A-AF40-06-A	25A-AF50-A 25A-AF60-A
<b>Bracket assembly</b> *1		25A-AF22P-050AS	25A-AF32P-050AS	25A-AF42P-050AS	25A-AF42P-070AS	25A-AF52P-050AS
<b>Bowl assembly</b>		25A-C2SF-A	25A-C3SF-A	25A-C4SF-A		

\*1 The assembly consists of a bracket and 2 mounting screws.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Directional Control Valves  
 Air Cylinders  
 Related Products  
 Rotary Actuators  
 Air Grippers  
 Vacuum Equipment  
 Air Preparation Equipment  
 Clean Air Filters  
 Modular F.R./Pressure Control Equipment  
 Flow Control Equipment/Fittings  
 Detection Switches  
 Fluid Control Equipment  
 Process Gas Equipment  
 Electric Actuators  
 Auto Switches

# Mist Separator

## 25A-AFM20-D to 25A-AFM40-06-D

### Micro Mist Separator

## 25A-AFD20-D to 25A-AFD40-06-D



- 25A-AFM Series Nominal filtration rating: 0.3 μm
- 25A-AFD Series Nominal filtration rating: 0.01 μm

### How to Order

25A - AFM 30 -   03 B -   - D

25A - AFD 30 -   03 B -   - D

①      ②      ③      ④      ⑤

• Series compatible with secondary batteries

- Semi-standard: Select one each for **a** and **b**.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) 25A-AFM30-N03B-RZ-D

		Symbol	Description	①			
				Body size			
				20	30	40	
②	Pipe thread type	Nil	Rc	●	●	●	
		N	NPT	●	●	●	
		F	G	●	●	●	
+							
③	Port size	01	1/8	●	—	—	
		02	1/4	●	●	●	
		03	3/8	—	●	●	
		04	1/2	—	—	●	
		06	3/4	—	—	●	
+							
④	Option Mounting	Nil	Without mounting option	●	●	●	
		B*1	With bracket	●	●	●	
+							
⑤	Semi-standard a	Flow direction	Nil	Flow direction: Left to right	●	●	●
			R	Flow direction: Right to left	●	●	●
	b	Unit	Nil	Unit on product label: MPa, °C	●	●	●
Z*2			Unit on product label: psi, °F	○*2	○*2	○*2	

\*1 Option B is included in the package with the product but does not come assembled. The assembly consists of 2 types of brackets and 2 mounting screws.

\*2 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act.  
(The SI unit type is provided for use in Japan.)

### Bracket, Bowl Assembly Part Nos. for the 25A- Series

Option	Model			
	25A-AFM20-D 25A-AFD20-D	25A-AFM30-D 25A-AFD30-D	25A-AFM40-D 25A-AFD40-D	25A-AFM40-06-D 25A-AFD40-06-D
Bracket assembly*1	25A-AF24P-070AS	25A-AF34P-070AS	25A-AF44P-070AS	25A-AF49P-070AS
Bowl assembly	25A-C2SF-D	25A-C3SF-D	25A-C4SF-D	

\*1 The assembly consists of an A and B bracket and 2 mounting screws.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

# Mist Separator

# 25A-AFM20-A to 25A-AFM40-A

## Micro Mist Separator

# 25A-AFD20-A to 25A-AFD40-A



- 25A-AFM Series Nominal filtration rating: 0.3 μm
- 25A-AFD Series Nominal filtration rating: 0.01 μm

### How to Order

25A - AFM **30** - **03** **B** - **A**

25A - AFD **30** - **03** **B** - **A**

① ② ③ ④ ⑤

• Series compatible with secondary batteries

- Semi-standard: Select one each for **a** and **b**.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) 25A-AFM30-N03B-RZ-A

	Symbol	Description	①					
			Body size					
			20	30	40			
②	Pipe thread type	Nil	Rc	●	●	●		
		N	NPT	●	●	●		
		F	G	●	●	●		
+								
③	Port size	01	1/8	●	—	—		
		02	1/4	●	●	●		
		03	3/8	—	●	●		
		04	1/2	—	—	●		
		06	3/4	—	—	●		
+								
④	Option Mounting	Nil	Without mounting option	●	●	●		
		B*1	With bracket	●	●	●		
+								
⑤	Semi-standard	a	Flow direction	Nil	Flow direction: Left to right	●	●	●
			R	Flow direction: Right to left	●	●	●	
		b	Pressure unit	Nil	Name plate and caution plate for bowl in SI units: MPa	●	●	●
Z*2	Name plate and caution plate for bowl in imperial units: psi, °F			○*2	○*2	○*2		

\*1 A bracket is not assembled and supplied loose at the time of shipment. Including 2 mounting screws.

\*2 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

### Bracket, Bowl Assembly Part Nos. for the 25A- Series

Model	25A-AFM20-A 25A-AFD20-A	25A-AFM30-A 25A-AFD30-A	25A-AFM40-A 25A-AFD40-A	25A-AFM40-06-A 25A-AFD40-06-A
Bracket assembly*1	25A-AF22P-050AS	25A-AF32P-050AS	25A-AF42P-050AS	25A-AF42P-070AS
Bowl assembly	25A-C2SF-A	25A-C3SF-A	25A-C4SF-A	

\*1 The assembly consists of a bracket and 2 mounting screws.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Directional Control Valves

Air Cylinders

Related Products

Rotary Actuators

Air Grippers

Vacuum Equipment

Air Preparation Equipment

Clean Air Filters

Modular F.R./Pressure Control Equipment

Flow Control Equipment/Fittings

Detection Switches

Fluid Control Equipment

Process Gas Equipment

Electric Actuators

Auto Switches

# Regulator

# 25A-AR20-D to 25A-AR60-D

## Regulator with Backflow Function

# 25A-AR20K-D to 25A-AR60K-D



### How to Order

25A - AR **30** **K** - **03** **B** - **03** - **D**

① ② ③ ④ ⑤ ⑥

• Series compatible with secondary batteries

- Semi-standard: Select one each for a to e.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) 25A-AR30K-03B-1NR-D

	Symbol	Description	① Body size					
			20	30	40	50	60	
② With backflow function	Nil	Without backflow function	●	●	●	●	●	
	K*1	With backflow function	●	●	●	●	●	
+								
③ Pipe thread type	Nil	Rc	●	●	●	●	●	
	N	NPT	●	●	●	●	●	
	F	G	●	●	●	●	●	
+								
④ Port size	01	1/8	●	—	—	—	—	
	02	1/4	●	●	●	—	—	
	03	3/8	—	●	●	—	—	
	04	1/2	—	—	●	—	—	
	06	3/4	—	—	●	●	—	
10	1	—	—	—	●	●		
+								
⑤ Option*2 Mounting	Nil	Without mounting option	●	●	●	●	●	
	B*3	With bracket	●	●	●	●	●	
	H	With set nut (For panel fitting)	●	●	●	—	—	
+								
⑥ Semi-standard	a Set pressure	Nil	0.05 to 0.85 MPa setting	●	●	●	●	●
		1*4	0.02 to 0.2 MPa setting	●	●	●	●	●
	+							
	b Exhaust mechanism	Nil	Relieving type	●	●	●	●	●
		N	Non-relieving type	●	●	●	●	●
	+							
	c Flow direction	Nil	Flow direction: Left to right	●	●	●	●	●
		R	Flow direction: Right to left	●	●	●	●	●
	+							
	d Knob	Nil	Downward	●	●	●	●	●
Y		Upward	●	●	●	●	●	
+								
e Unit	Nil	Unit on product label: MPa, Pressure gauge in SI units: MPa	●	●	●	●	●	
	Z*5	Unit on product label: psi, Pressure gauge: MPa/psi dual scale	○*5	○*5	○*5	○*5	○*5	

\*1 Set the inlet pressure to at least 0.05 MPa higher than the set pressure.

\*2 Options B and H are not assembled and supplied loose at the time of shipment.

\*3 The assembly consists of a bracket and set nuts.

\*4 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.

\*5 ○: For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

### Bracket, Set Nut Part Nos. for the 25A- Series

Option	Model					
	25A-AR20(K)-D	25A-AR30(K)-D	25A-AR40(K)-D	25A-AR40(K)-06-D	25A-AR50(K)-D	25A-AR60(K)-D
Bracket assembly*1	25A-AR23P-270AS	25A-AR33P-270AS	25A-AR43P-270AS		25A-AR54P-270AS	
Set nut	AR23P-260S	AR33P-260S	AR43P-260S		—*2	

\*1 The assembly consists of a bracket and set nuts. For the 25A-AR50(K)-D and 25A-AR60(K)-D, the assembly consists of an A and B bracket and 2 mounting screws.

\*2 Please contact SMC regarding the set nuts for the 25A-AR50(K)-D and 25A-AR60(K)-D.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

# Regulator

# 25A-AR20-B to 25A-AR60-B

## Regulator with Backflow Function

# 25A-AR20K-B to 25A-AR60K-B



### How to Order

**25A-AR** 30 K -   03 B -   - **B**

1  
 2  
 3  
 4  
 5  
 6

• Series compatible with secondary batteries

- Semi-standard: Select one each for a to e.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) 25A-AR30K-03B-1NR-B

	Symbol	Description	①							
			Body size							
			20	25	30	40	50	60		
②	With backflow function	Nil	Without backflow function							
		K	With backflow function							
+										
③	Pipe thread type	Nil	Rc							
		N	NPT							
		F	G							
+										
④	Port size	01	1/8							
		02	1/4							
		03	3/8							
		04	1/2							
		06	3/4							
+										
⑤	Mounting	Nil	Without mounting option							
		B*2	With bracket							
		H	With set nut (For panel fitting)							
+										
⑥	Semi-standard	a	Set pressure	Nil	0.05 to 0.85 MPa setting					
				1*3	0.02 to 0.2 MPa setting					
		+								
		b	Exhaust mechanism	Nil	Relieving type					
				N	Non-relieving type					
		+								
		c	Flow direction	Nil	Flow direction: Left to right					
				R	Flow direction: Right to left					
		+								
		d	Knob	Nil	Downward					
				Y	Upward					
		+								
e	Pressure unit	Nil	Name plate in SI units: MPa							
		Z*4	Name plate in imperial units: psi							

\*1 Options B and H are not assembled and supplied loose at the time of shipment.  
 \*2 The assembly consists of a bracket and set nuts (25A-AR20(K) to 25A-AR40(K)). Including 2 mounting screws for the 25A-AR50(K) and 25A-AR60(K).  
 \*3 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.  
 \*4 ○: For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act.  
 (The SI unit type is provided for use in Japan.)

### Bracket, Set Nut Part Nos. for the 25A- Series

Option	Model	25A-AR20(K)-B	25A-AR25(K)-B	25A-AR30(K)-B	25A-AR40(K)-B	25A-AR50(K)-B 25A-AR60(K)-B
<b>Bracket assembly</b> *1		25A-AR23P-270AS	25A-AR28P-270AS	25A-AR33P-270AS	25A-AR43P-270AS	25A-AR52P-270AS*2
<b>Set nut</b>		AR23P-260S	AR28P-260S	AR33P-260S	AR43P-260S	—*3

\*1 The assembly consists of a bracket and set nuts.  
 \*2 The assembly consists of a bracket and 2 mounting screws.  
 \*3 Please contact SMC regarding the set nuts for the 25A-AR50(K) and 25A-AR60(K).

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Directional Control Valves  
 Air Cylinders  
 Related Products  
 Rotary Actuators  
 Air Grippers  
 Vacuum Equipment  
 Air Preparation Equipment  
 Clean Air Filters  
 Modular F.R./Pressure Control Equipment  
 Flow Control Equipment/Fittings  
 Detection Switches  
 Fluid Control Equipment  
 Process Gas Equipment  
 Electric Actuators  
 Auto Switches

# Filter Regulator

# 25A-AW20-D to 25A-AW60-D

## Filter Regulator with Backflow Function

# 25A-AW20K-D to 25A-AW60K-D



### How to Order

**25A - AW** 30 K -   03 B -   - **D**

① ② ③ ④ ⑤ ⑥

• Series compatible with secondary batteries

- Semi-standard: Select one each for **a** to **d**.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.  
Example) 25A-AW30K-03B-1N-D

		Symbol	Description	①				
				Body size				
				20	30	40	60	
②	With backflow function	Nil	Without backflow function	●	●	●	●	
		K*1	With backflow function	●	●	●	●	
		+						
③	Pipe thread type	Nil	Rc	●	●	●	●	
		N	NPT	●	●	●	●	
		F	G	●	●	●	●	
		+						
④	Port size	01	1/8	●	—	—	—	
		02	1/4	●	●	●	—	
		03	3/8	—	●	●	—	
		04	1/2	—	—	●	—	
		06	3/4	—	—	●	●	
		10	1	—	—	—	●	
		+						
⑤	Option*2 Mounting	Nil	Without mounting option	●	●	●	●	
		B*3	With bracket	●	●	●	●	
		H	With set nut (For panel fitting)	●	●	●	—	
		+						
⑥	a	Set pressure	Nil	0.05 to 0.85 MPa setting	●	●	●	●
			1*4	0.02 to 0.2 MPa setting	●	●	●	●
			+					
	b	Exhaust mechanism	Nil	Relieving type	●	●	●	●
			N	Non-relieving type	●	●	●	●
			+					
	c	Flow direction	Nil	Flow direction: Left to right	●	●	●	●
			R	Flow direction: Right to left	●	●	●	●
			+					
	d	Unit	Nil	Unit on product label: MPa, °C, Pressure gauge in SI units: MPa	●	●	●	●
Z*5			Unit on product label: psi, °F, Pressure gauge: MPa/psi dual scale	○*5	○*5	○*5	○*5	

\*1 Set the inlet pressure to at least 0.05 MPa higher than the set pressure.

\*2 Options B and H are not assembled and supplied loose at the time of shipment.

\*3 The assembly consists of a bracket and set nuts

\*4 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.

\*5 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act.

(The SI unit type is provided for use in Japan.)

### Bracket, Set Nut, Bowl Assembly Part Nos. for the 25A- Series

Option	Model				
	25A-AW20(K)-D	25A-AW30(K)-D	25A-AW40(K)-D	25A-AW40(K)-06-D	25A-AW60(K)-D
Bracket assembly*1	25A-AW23P-270AS	25A-AR33P-270AS	25A-AR43P-270AS		25A-AR54P-270AS
Set nut	AR23P-260S	AR33P-260S	AR43P-260S		—*2
Bowl assembly	25A-C2SF-D	25A-C3SF-D	25A-C4SF-D		

\*1 The assembly consists of a bracket and set nuts.

\*2 For the 25A-AW60(K)-D, the assembly consists of an A and B bracket and 2 mounting screws.  
Please contact SMC regarding the set nuts for the 25A-AW60(K)-D.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.



# Filter Regulator

# 25A-AW20-B to 25A-AW60-B

## Filter Regulator with Backflow Function

# 25A-AW20K-B to 25A-AW60K-B



### How to Order

**25A - AW** 30 K -   03 B -   - **B**

1  
 2  
 3  
 4  
 5  
 6

• Series compatible with secondary batteries

- Semi-standard: Select one each for **a** to **d**.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.  
Example) 25A-AW30K-03B-1N-B

	Symbol	Description	①				
			Body size				
			20	30	40	60	
② With backflow function	Nil	Without backflow function	●	●	●	●	
	K	With backflow function	●	●	●	●	
+							
③ Pipe thread type	Nil	Rc	●	●	●	●	
	N	NPT	●	●	●	●	
	F	G	●	●	●	●	
+							
④ Port size	01	1/8	●	—	—	—	
	02	1/4	●	●	●	—	
	03	3/8	—	●	●	—	
	04	1/2	—	—	●	—	
	06	3/4	—	—	●	●	
	10	1	—	—	—	●	
+							
⑤ Option *1	Mounting	Nil	Without mounting option	●	●	●	●
		B*2	With bracket	●	●	●	●
		H	With set nut (For panel fitting)	●	●	●	—
+							
⑥ Semi-standard	a Set pressure	Nil	0.05 to 0.85 MPa setting	●	●	●	●
		1*3	0.02 to 0.2 MPa setting	●	●	●	●
	+						
	b Exhaust mechanism	Nil	Relieving type	●	●	●	●
		N	Non-relieving type	●	●	●	●
	+						
	c Flow direction	Nil	Flow direction: Left to right	●	●	●	●
		R	Flow direction: Right to left	●	●	●	●
	+						
	d Pressure unit	Nil	Name plate and caution plate for bowl in SI units: MPa	●	●	●	●
		Z*4	Name plate and caution plate for bowl in imperial units: psi, °F	○*4	○*4	○*4	○*4

\*1 Options B and H are not assembled and supplied loose at the time of shipment.

\*2 The assembly consists of a bracket and set nuts (25A-AW20(K) to 25A-AW40(K)). Including 2 mounting screws for the 25A-AW60(K).

\*3 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.

\*4 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act.

(The SI unit type is provided for use in Japan.)

### Bracket, Set Nut, Bowl Assembly Part Nos. for the 25A- Series

Option	25A-AW20(K)-B	25A-AW30(K)-B	25A-AW40(K)-B	25A-AW60(K)-B
Bracket assembly*1	25A-AW23P-270AS	25A-AR33P-270AS	25A-AR43P-270AS	25A-AW62P-270AS*2
Set nut	AR23P-260S	AR33P-260S	AR43P-260S	—*3
Bowl assembly	25A-C2SF-A	25A-C3SF-A	25A-C4SF-A	

\*1 The assembly consists of a bracket and set nuts.

\*2 The assembly consists of a bracket and 2 mounting screws.

\*3 Please contact SMC regarding the set nuts for the 25A-AW60(K).

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

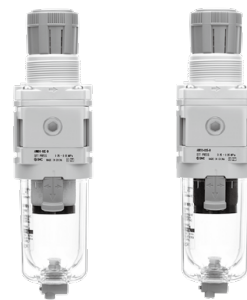


# Mist Separator Regulator

# 25A-AWM30, AWM40-D

## Micro Mist Separator Regulator

# 25A-AWD30, AWD40-D



25A-AWM30-D 25A-AWD30-D

- 25A-AWM Series Nominal filtration rating: 0.3 μm
- 25A-AWD Series Nominal filtration rating: 0.01 μm

### How to Order

25A - AWM 30 - [ ] 03 B - [ ] - D

25A - AWD 30 - [ ] 03 B - [ ] - D

• Series compatible with secondary batteries

① ② ③ ④ ⑤

- Semi-standard: Select one each for a to d.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.  
Example) 25A-AWM30-F03B-1NR-D

		Symbol	Description	①		
				Body size		
				30	40	
②	Pipe thread type	Nil	Rc	●	●	
		N	NPT	●	●	
		F	G	●	●	
+						
③	Port size	02	1/4	●	●	
		03	3/8	●	●	
		04	1/2	—	●	
+						
④	*1 Mounting	Nil	Without mounting option	●	●	
		B*2	With bracket	●	●	
		H	With set nut (for panel mount)	●	●	
+						
⑤	a	Set pressure*3	Nil	0.05 to 0.85 MPa setting	●	●
			1	0.05 to 0.2 MPa setting	●	●
	+					
	b	Exhaust mechanism	Nil	Relieving type	●	●
			N	Non-relieving type	●	●
	+					
	c	Flow direction	Nil	Flow direction: Left to right	●	●
			R	Flow direction: Right to left	●	●
	+					
	d	Unit	Nil	Unit on product label: MPa, °C	●	●
			Z*4	Unit on product label: psi, °F	○*5	○*5

- \*1 Options B and H are not assembled and supplied loose at the time of shipment.
- \*2 The assembly consists of a bracket and set nuts.
- \*3 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.
- \*4 For the pipe thread type: NPT  
This product is for overseas use only according to the New Measurement Act.  
(The SI unit type is provided for use in Japan.)
- \*5 ○: For the pipe thread type: NPT only

### Bracket, Set Nut, Bowl Assembly Part Nos. for the 25A- Series

Optional specifications	Model	
	25A-AWM30-D 25A-AWD30-D	25A-AWM40-D 25A-AWD40-D
<b>Bracket assembly</b> *1	25A-AR33P-270AS	25A-AR43P-270AS
<b>Set nut</b>	AR33P-260S	AR43P-260S
<b>Bowl assembly</b>	25A-C3SF-D	25A-C4SF-D

\*1 The assembly consists of a bracket and set nuts.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

# Precision Regulator

RoHS

# 25A-IR1000/2000/3000-A Series



## How to Order

25A-IR 1 0 0 0 -   01 B -   - A

1  
 2  
 3  
 4  
 5  
 6  
 7

- Option/Semi-standard: Select one each for **a**, **b**, and **c**.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.

		Symbol	Description	① Body size				
				1	2	3		
②	Set pressure range	0	0.005 to 0.2 MPa	●	●	—		
		1	0.01 to 0.2 MPa	—	—	●		
		2	0.01 to 0.4 MPa	●	●	●		
		+	0.01 to 0.8 MPa	●	●	●		
③	Exhaust direction	0	Bottom exhaust	●	●	●		
		1	Front exhaust	—	—	●		
		2	Rear exhaust	—	—	●		
		+						
④	Pipe thread type	Nil	Rc	●	●	●		
		N	NPT	●	●	●		
		F	G	●	●	●		
		+						
⑤	Port size	01	1/8	●	—	—		
		02	1/4	—	●	●		
		03	3/8	—	—	●		
		04	1/2	—	—	●		
⑥	a	Mounting	Nil	Without mounting option	●	●	●	
			B*2	With bracket	●	●	●	
			H	With hexagon panel nut (for panel mount)	●	●	●	
	b	With digital pressure switch	EA	NPN open collector 1 output	●	●	●	
			EB	PNP open collector 1 output	●	●	●	
			EC	NPN open collector 2 outputs + Analog voltage output	●	●	●	
			ED	NPN open collector 2 outputs + Analog current output	●	●	●	
	⑦	c	Flow direction	Nil	Flow direction: Left to right	●	●	●
				R	Flow direction: Right to left	●	●	●
		d	Knob	Nil	Upward	●	●	●
V				Downward	●	●	●	
e		Pressure unit*3	Nil	Name plate and pressure gauge in imperial units: MPa	●	●	●	
			Z	Name plate and pressure gauge in imperial units: psi	●	●	●	
	ZA		Digital pressure switch: With unit conversion function	●	●	●		

\*1 Options are shipped together with the product but do not come assembled. B and H cannot be selected at the same time. The current bracket cannot be used for this product.

\*2 The assembly consists of a bracket and set nuts

\*3 See pressure unit table below.

	Pipe thread type	Name plate in imperial units	Pressure switch in imperial units		Sales*6
			EA, EB, EC, ED		
Nil	Rc	MPa	Fixed SI unit		Japan, Overseas
	NPT				
	G				
Z*4	Rc	psi	With unit conversion function (Initial value psi)		Only overseas
	NPT				
	G				
ZA*5	Rc	MPa	With unit conversion function		Only overseas
	NPT				
	G				

\*4 For pipe thread type: NPT

\*5 For options: EA, EB, EC, ED

\*6 According to the new Measurement Law, only the SI unit type is provided for use in Japan.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the Web Catalog.

# Electro-Pneumatic Regulator

## 25A-ITV1000/2000/3000 Series



### How to Order



25A-ITV **2** **0** **1** **0** - **0** **1** **2** **S**

Series compatible with secondary batteries

**Model**

1	1000 type
2	2000 type
3	3000 type

**Pressure range**

1	0.1 MPa
3	0.5 MPa
5	0.9 MPa

**Power supply voltage**

0	24 VDC
1	12 to 15 VDC

**Input signal**

0	Current type 4 to 20 mADC (Sink type)
1	Current type 0 to 20 mADC (Sink type)
2	Voltage type 0 to 5 VDC
3	Voltage type 0 to 10 VDC
40	4 points preset input

**Monitor output**

1	Analog output 1 to 5 VDC
2	Switch output/NPN output
3	Switch output/PNP output
4	Analog output 4 to 20 mADC (Sink type)
Nil	None (For 4 points preset input)

**Pressure display unit**

Nil	MPa
2*1	kgf/cm <sup>2</sup>
3	bar
4*1	psi
5	kPa

\*1 This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

**Cable connector type**

S	Straight type 3 m
L	Right angle type 3 m
N	Without cable connector

\* A dedicated cable connector whose material was changed is used.

**Bracket**

Nil	Without bracket
B	Flat bracket
C	L-bracket

\* The bracket is made with a special black chromium treatment. The bracket is shipped with the product.

**Port size**

1	1/8 (1000 type)
2	1/4 (1000, 2000, 3000 type)
3	3/8 (2000, 3000 type)
4	1/2 (3000 type)

**Thread type**

Nil	Rc
N	NPT
T	NPTF
F	G

\* Since the lead wires and electrical circuits are used, this product is not completely copper-free. Only the wetted parts are copper-free.  
 \* Copper and zinc materials are used for solenoid valve coils, connector pins, and lead wire substrate.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.