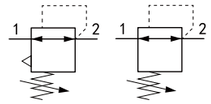
ARM5 Series Regulator







Relieving type Non-relieving type

* A standard model is equipped with a backflow function.
A main valve opens when the inlet pressure is released,
and then an outlet pressure backflows into the inlet side.

Ordering Code ARM5 Series Regulator

ARM5 S A - 04 - □ □

- S: Single unit type
- A: Regulator mounting
  - A: Direct mount
  - B: DIN rail mount*
  - * Both the square nut and the hexagon socket head screw are attached for the DIN rail mount type (DIN rail is not attached.)
- 04: IN/OUT port size
  - 04: Φ4 straight
  - 06: Φ6 straight
- □: Accessory
  - Nil: Without pressure gauge
  - A: With pressure gauge
- □: Semi-standard

Symbol	None	0.35MPa setting*	Non-relieving
Nil	●		
1		●	
2			●
3		●	●

* A pressure gauge with a full span of 0.8 MPa is attached.

Specifications

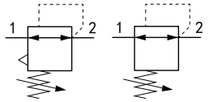
Model		ARM5S
Regulator construction		Direct acting
Working principle		Piston type
Relief mechanism	Standard	Relieving type
	Semi-standard	Non-relieving type
Backflow function		Within(unbalanced type)
IN side tubing O.D.		Φ4, Φ6
OUT side tubing O.D.		Φ4, Φ6
Proof pressure		1.5MPa
Max. working pressure		1.0MPa
Set pressure range	Standard	0.05 to 0.7MPa
	Semi-standard	0.05 to 0.35 MPa (Low pressure type)
Working medium		Air
Working temperature		5 to 60℃

* 0.1 MPa or greater set pressure is required when used in the reverse flow.

ARM10F Series Front Handle Type Regulator







Relieving type Non-relieving type

* A standard model is equipped with a backflow function.
Main valve opens when the inlet pressure is released,
and then the outlet pressure backflows into the inlet side.

Ordering Code ARM10F Series Front Handle Type Regulator

ARM10F 1 - 01 B - □ Z - N

- 1: Front handle type
- 01: IN/OUT port size
  - 01: G1/8 straight
  - 02: G1/4 straight
- B
- □: Semi-standard

Symbol	None	0.35MPa setting*	Non-relieving	Oil-free*
Nil	●			
1		●		
2			●	
3				●
4		●	●	
5		●		●
6			●	●
7		●	●	●

- Z
- N: Digital pressure switch output specifications
  - Nil: None
  - N: NPN open collector
  - P: PNP open collector

* A pressure gauge with a full span of 0.4 MPa is attached.
* The oil-free specification is grease-free in the fluid contact area.

Specifications

Model		ARM10	ARM10F
Regulator construction		Direct acting	
Working principal		Diaphragm regulator	
Relief mechanism	Standard	Relief type	
	Semi-standard	Non-relieving type	
Backflow function		Within(unbalanced type)	
IN side tubing O.D.		Φ4, Φ6	
OUT side tubing O.D.		Φ4, Φ6	
Proof pressure		1.5MPa	
Max. working pressure		1.0MPa	
Set pressure range	Standard	0.05 to 0.7MPa	
	Semi-standard	0.05 to 0.35 MPa (Low pressure type)	
Working medium		Air	
Working temperature		5 to 60℃	

* 0.1 MPa or greater set pressure is required when used in the reverse flow.
* 5 to 50℃ when the digital pressure switch will be used.