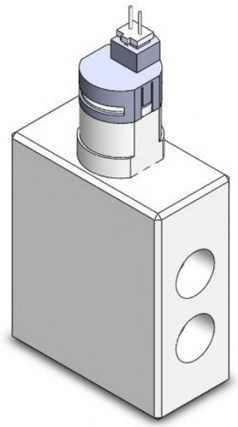
AR231A Series High Frequency Solenoid Valve

Product Applications

High-speed screening and handling applications

(supports fast-paced production)

- Automated actuator control
- Feeder
- Packaging machinery
- Screening of workpieces
- Color sorting machine (partly with actuators), etc.



Intermittent air blowing applications

(energy saving, reduction of air consumption)

- Cutting process
- Cooling process
- Removal of molded parts
- Part cleaning process
- Static eliminator, etc.

Specifications

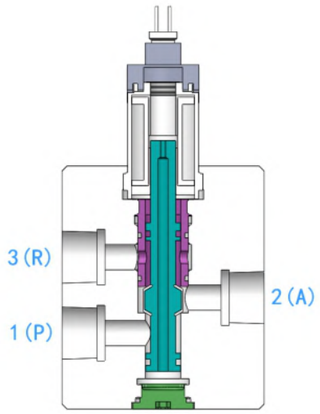
Model	AR231A
Working medium	Compressed air(ISO 8573-1:2010 [7:4:4])
Ways	2 Position 3 Port
Control type	Direct acting
Power	Electric
Reset type	Pneumatic springs and mechanical springs
Working temperature	-10 to 60°C
Working pressure	0.5 to 6bar
Working power	8.6W
Max. working power	12W
Working life	50 million times
Standard flow rate	160L/min
Joint size	1/8NPT
Protective grade	IP65
Standard voltage	DC24V
Wiring/Rubber shell	PH2.0 Pin/PH-2Y
Installation	Free
Installation width	20mm

* Working power: calculated at 100Hz, opening time 6ms, interval 4ms

ISO9001 CE

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Function and Connection Position



Positive Pressure

	Non-energized	Energized
3 Way Normal close (NC)	2(A) → 3(R), 1(P) blocked	2(A) → 1(P)

Note: Positive pressure cannot be applied from the 3R port.

Vacuum Pressure

	Non-energized	Energized
3 Way Normal close (NC)	2(A) → 3(R) Atmospheric, 1(P) blocked	2(A) → 1(P) Vacuum pump etc.

Note: Positive pressure cannot be applied from the 3R port.

Main Dimensions

