

Solenoid Valve (Pilot actuated square type 2)

Solenoid Valve F Series F10 Type NEW

•Its six features enable user-friendlier operability.

- 1.Further miniaturization and low power consumption are achieved (from 0.9W to 0.1W or 0.4W).
- 2.Tandem 3-port valve (4-position) is newly added.
- 3.Wire-saving type is newly added to the monoblock manifold.
- 4.Type with stop valve is newly added as an option.
- 5.Backpressure prevention valve is newly added as an option.
- 6.Monoblock manifold and serial transmission lead to its compact and smart appearance.



Operation type	Sonic conductance effective area	Port
Internal pilot	0.75-0.97 dm ³ /s.bar 3.7-4.8mm ²	M5 4.6mm dual-use fittings Rc1/8

Solenoid Valve F Series F15 Type NEW

•Its six features enable user-friendlier operability.

- 1.Further miniaturization and low power consumption are achieved (from 0.9W to 0.1W or 0.4W).
- 2.Tandem 3-port valve (4-position) is newly added.
- 3.Wire-saving type is newly added to the monoblock manifold.
- 4.Type with stop valve is newly added as an option.
- 5.Backpressure prevention valve is newly added as an option.
- 6.Monoblock manifold and serial transmission lead to its compact and smart appearance.



Operation type	Sonic conductance effective area	Port
Internal pilot	1.6-2.05dm ³ /s.bar 8-10.3mm ²	M5 6.8mm dual-use fittings Rc1/8

Solenoid Valve F Series F18 Type

- In the 2-position valve; switching the manual override allows selection between a single solenoid valve function and a double solenoid valve function.
- Use different size double-use fittings that are fitted with tubes of two differing sizes.



Operation type	Sonic conductance effective area	Port
Internal pilot	3.6dm ³ /s.bar 18mm ²	M5 8,10mm dual-use fittings Rc1/4

Solenoid Valve JA Series JA10 NEW

- Valve width 10.5mm and effective area 35mm². Suitable for operating up to 40mm bore size cylinder.
- A tandem 3-port; 4-position valve equipped with two 3-port valve functions in one valve body.



Operation type	Sonic conductance effective area	Port
Internal pilot	0.68-0.7 dm ³ /s.bar 3.4-3.5mm ²	4.6mm fittings Rc1/8

Solenoid Valve PA Series PA24 NEW

- New-generation; 5-port solenoid valve achieves compact; thin body; and large flow capacity.
- Standard type PA series; and newly designed PB series with a combination of valve and manifold.
- Allows switching from double to single solenoid type (for 2-position double solenoid valve only).
- Two types of effective area is selectable in the same body.
- New functions include a perfect spacer (option).



Operation type	Sonic conductance effective area	Port
Internal pilot	5-7.2 dm ³ /s.bar 25-36mm ²	Rc1/4,Rc3/8

Solenoid Valve PB Series PB24 NEW

- New-generation; 5-port solenoid valve achieves compact; thin body; and large flow capacity.
- Standard type PA series; and newly designed PB series with a combination of valve and manifold.
- Allows switching from double to single solenoid type (for 2-position double solenoid valve only).
- Two types of effective area is selectable in the same body.
- New functions include a perfect spacer (option).



Operation type	Sonic conductance effective area	Port
Internal pilot	5-7.2 dm ³ /s.bar 25-36mm ²	Rc1/4,Rc3/8

FM-Solid Manifold X80M Series

- Mounts Solenoid Valve 090 Series with valve width of 10mm and low power of 0.5W (LED indicator incorporated) and also which can control cylinders of up to 40mm.
- The small functional modules include 7 types of end block to make the best use of installation space; 4 types of piping module selectable to piping requirements etc.
- With the use of a split, separate air supplies of 2 pressures or 3 pressures are possible. A remote control BOX is available for operation from remote places.



Operation type	Sonic conductance effective area	Port
Internal pilot	0.6-0.7 dm ³ /s.bar 3-3.5mm ²	4.6mm fittings

FM-Solid Manifold X88M Series

- This modern manifold aims at high integration capability by assembling each functional module such as valves; wiring; piping; etc.
- Compatible with Solenoid Valve 110 and 180 Series which have been successful in the field by adopting plug-in type solenoids. In addition; Tandem Solenoid Valve is newly added to compatible valve module.
- Functional modules can be assembled freely in location or in number like a made-to-order product for customers.

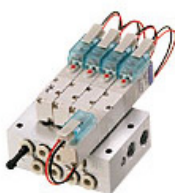


Operation type	Sonic conductance effective area	Port
Internal pilot	0.72-2.04 dm ³ /s.bar 3.6-10.2mm ²	M5 4.6mm fittings M8

Solenoid Valve EA Series EA10 Type

NEW

- Valve width of 10mm; and low power consumption of 0.55W (standard type) and 0.15W (low current type).
- Quick response type is also available; meeting varied needs and requirements of professional controls.
- Best suited for pilot-operated valves and for controlling the operation of cylinders with bore up to 25mm.



Operation type	Sonic conductance effective area	Port
Internal pilot	0.26dm ³ /s.bar 1.3mm ²	M3

Solenoid Valve EB Series EB10 Type

NEW

- Valve width of 10mm; and low power consumption of 0.55W (standard type) and 0.15W (low current type).
- Quick response type is also available; meeting varied needs and requirements of professional controls.
- Best suited for pilot-operated valves and for controlling the operation of cylinders with bore up to 25mm.



Operation type	Sonic conductance effective area	Port
Internal pilot	0.26dm ³ /s.bar 1.3mm ²	M3

Solenoid Valve JC Series JC10 Type

NEW

- JC and JE series with valve width of 10mm and 12mm respectively; low power consumption of 0.55W (standard type) and 0.15W (low current type).
- Quick response and large flow rate; meeting varied needs and requirements of professional controls.
- JC and JE series are suitable for the operation of cylinders with bore up to 40mm and up to 80mm respectively.



Operation type	Sonic conductance effective area	Port
Internal pilot	1.9dm ³ /s.bar 9.5mm ²	M5

Solenoid Valve JE Series JE12 Type

NEW

- JC and JE series with valve width of 10mm and 12mm respectively; low power consumption of 0.55W (standard type) and 0.15W (low current type).
- Quick response and large flow rate; meeting varied needs and requirements of professional controls.
- JC and JE series are suitable for the operation of cylinders with bore up to 40mm and up to 80mm respectively.



Operation type	Sonic conductance effective area	Port
Internal pilot	1.9dm ³ /s.bar 9.5mm ²	M5,Rc1/8