

100 Series - Direct Acting Solenoid Valves

A direct acting valve series that gives you up to 6 different ways to connect supply air for different operations (NC, NO, Diverter, Selector) in both 2 and 3 port designs. The Selection Guide provides a summary of the 5 different 100 Series - Direct Acting Solenoid Valves.

- Lead Wire or DIN Connector
- Low Temperature Seals
- FKM Seals and Food Grade Grease
- Inline or Monoblock Manifold
- Ozone Resistant Option
- RoHS Compliance

Improve the performance and reduce the size of your next generation machine. Koganei sets the standard for supplying innovative high-quality solutions with unmatched reliability. Optimized designs, with a wide variety of styles and sizes, increase speed to market as well as provide solutions for most applications. Expedite deliveries with product stocked in the USA.

KOGANEI is committed to your success from concept, to initial design, to final delivery and beyond.

Operations

2/2, 3/2 Single
5/2 Single

2/2, 3/2 Single Vacuum

3/2 Single Vacuum and Air

5/2 Double

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Model	Operation	Valve Width mm [in]	Flow Rate Cv	Orifice Size mm [in]	Port Sizes metric [imperial]	Mounting	Piping	Voltages	Power Consumption W	Max Frequency Hz	Pressure Range MPa [psi]	Temperature Range °C [°F]
100E1 / 100E1-F11	2/2, 3/2 Single	27 [1.06]	0.28	5 [0.197]	Rc 1/8 [1/8 NPT]	Inline, Block Manifold	Direct, Base	12, 24 DC 100, 200 AC	6.5 - 6.8	5	0 - 0.9 [0.0 - 130.5]	0 - 50 [32 - 122]
V100E1 / V100E1-F11	2/2, 3/2 Single Vacuum	27 [1.06]	0.28	5 [0.197]	Rc 1/8 [1/8 NPT]	Inline, Block Manifold	Direct, Base	12, 24 DC 100, 200 AC	6.5 - 9.5	5	-0.1 - 0.9 [-14.5 - 130.5]	0 - 50 [32 - 122]
SV100E1 / SV100E1-F11	3/2 Single Vacuum and Air	27 [1.06]	0.28	5 [0.197]	Rc 1/8 [1/8 NPT]	Inline, Block Manifold	Direct, Base	12, 24 DC 100, 200 AC	6.5 - 9.5	5	-0.1 - 0.9 [-14.5 - 130.5]	0 - 50 [32 - 122]
100-4E2 / 100-4E2-F11	5/2 Double	27 [1.06]	0.17	3 [0.118]	Rc 1/8 [1/8 NPT]	Inline, Block Manifold	Direct, Base	12, 24 DC 100, 200 AC	6.5 - 6.8	5	0.2 - 0.7 [29.0 - 101.5]	5 - 40 [41 - 104]
100-4E1 / 100-4E1-F11	5/2 Single	27 [1.06]	0.19	3.4 [0.134]	Rc 1/8 [1/8 NPT]	Inline, Block Manifold	Direct, Base	12, 24 DC 100, 200 AC	6.5 - 6.8	5	0 - 0.9 [0.0 - 130.5]	0 - 50 [32 - 122]

Focused on providing industry leading pneumatic, fluid handling, and electrical automation components and assemblies for the OEM market | Think KOGANEI