



050 / H050 Series - Direct Acting Solenoid Valves

This series offers most compact in size double solenoid valve configuration from KOGANEI available with LED indicators. The Selection Guide provides a summary of the 12 different 050 / H050 Series - Direct Acting Solenoid Valves.

- Lead Wire or DIN Connector
- Direct Acting, Inline Single or Double Solenoid
- Poppet Design Allows for Fast Response with Minimal Leakage
- Cleanroom Option
- FKM Seal 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	2/2, 3/2 Single Clean System	2/2, 3/2 Single Low Current	2/2, 3/2 Single Low Current Clean System
2/2, 3/2 Single Low Current Vacuum	2/2, 3/2 Single Vacuum	5/2 Double	5/2 Double Clean System
5/2 Single	5/2 Single Clean System	5/2 Single Low Current	5/2 Single Low Current Clean System

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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]
050E1 / H050E1	2/2, 3/2 Single	27 [1.06]	0.08	1.5 [0.059]	M5 x 0.8 [10-32 UNF]	Inline, Block Manifold	Direct	24 DC 100, 200 AC	5.8 - 6	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]
CS-050E1	2/2, 3/2 Single Clean System	27 [1.06]	0.08	1.5 [0.059]	M5 x 0.8 [upon request]	Inline, Block Manifold	Direct	24 DC 100, 200 AC	5.8 - 6	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]
050LE1 / H050LE1	2/2, 3/2 Single Low Current	27 [1.06]	0.08	1.5 [0.059]	M5 x 0.8 [10-32 UNF]	Inline, Block Manifold	Direct	24 DC	2.4 - 2.7	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]
CS-050LE1	2/2, 3/2 Single Low Current Clean System	27 [1.06]	0.08	1.5 [0.059]	M5 x 0.8 [upon request]	Inline, Block Manifold	Direct	24 DC	2.4 - 2.7	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]
V050LE1 / HV050LE1	2/2, 3/2 Single Low Current Vacuum	27 [1.06]	0.08	1.5 [0.059]	M5 x 0.8 [upon request]	Inline, Block Manifold	Direct	24 DC 100, 200 AC	2.4 - 2.7	5	-0.1 - 0.9 [-14.5 - 130.5]	0 - 50 [32 - 122]

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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]
V050E1 / HV050E1	2/2, 3/2 Single Vacuum	27 [1.06]	0.08	1.5 [0.059]	M5 x 0.8 [upon request]	Inline, Block Manifold	Direct	24 DC 100, 200 AC	5.8 - 9.2	5	-0.1 - 0.9 [-14.5 - 130.5]	0 - 50 [32 - 122]
050-4E2 / H050-4E2	5/2 Double	27 [1.06]	0.07	1.2 [0.047]	M5 x 0.8 [10-32 UNF]	Inline, Block Manifold	Direct	24 DC 100, 200 AC	5.8 - 6	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]
CS-050-4E2	5/2 Double Clean System	27 [1.06]	0.07	1.2 [0.047]	M5 x 0.8 [upon request]	Inline, Block Manifold	Direct	24 DC 100, 200 AC	5.8 - 6	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]
050-4E1 / H050-4E1	5/2 Single	27 [1.06]	0.07	1.2 [0.047]	M5 x 0.8 [10-32 UNF]	Inline, Block Manifold	Direct	24 DC 100, 200 AC	5.8 - 6	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]
CS-050-4E1	5/2 Single Clean System	27 [1.06]	0.07	1.2 [0.047]	M5 x 0.8 [upon request]	Inline, Block Manifold	Direct	24 DC 100, 200 AC	5.8 - 6	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]
050-4LE1 / H050-4LE1	5/2 Single Low Current	27 [1.06]	0.08	1.5 [0.059]	M5 x 0.8 [10-32 UNF]	Inline, Block Manifold	Direct	24 DC	2.4 - 2.7	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]
CS-050-4LE1	5/2 Single Low Current Clean System	27 [1.06]	0.08	1.5 [0.059]	M5 x 0.8 [upon request]	Inline, Block Manifold	Direct	24 DC	2.4 - 2.7	5	0 - 0.7 [0.0 - 101.5]	0 - 50 [32 - 122]