



G010 / HG010 Series - Direct Acting Solenoid Valves

A 10mm direct acting valve that offers the most model options in a direct acting valve series for almost every industry and application requiring positive pressure and vacuum pressure. The Selection Guide provides a summary of the 12 different G010 / HG010 Series - Direct Acting Solenoid Valves.

- Compact Valve with Lead Wire or Plug-in Connector
- Cleanroom Models Standard
- FKM Seal and Food Grade Grease
- Inline, Subbase or Monoblock Manifold
- Heat Resistant and Low Leak Options
- 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 High Flow	2/2, 3/2 Single High Flow Clean System
2/2, 3/2 Single Low Current	2/2, 3/2 Single Low Current Clean System	2/2, 3/2 Single Vacuum	2/2, 3/2 Single Vacuum Clean System
2/2, 3/2 Single Vacuum High Flow	2/2, 3/2 Single Vacuum High Flow Clean System	2/2, 3/2 Single Vacuum Low Current	2/2, 3/2 Single Vacuum Low Current Clean System

G010 / HG010 Series - Direct Acting Solenoid Valves

[Click Here for Access to Catalogs, CAD Drawings, Videos and More!](#)

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]
G010E1 / HG010E1	2/2, 3/2 Single	10 [0.39]	0.011	0.2 [0.008]	M3 x 0.5, M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	5, 6, 12, 24 DC 100, 200 AC	1	5	0 - 0.7 [0.0 - 101.5]	5 - 50 [41 - 122]
CS-G010E1	2/2, 3/2 Single Clean System	10 [0.39]	0.011	0.2 [0.008]	M3 x 0.5, M5 x 0.8 [upon request]	Single Subbase, Block Manifold	Direct, Base	5, 6, 12, 24 DC 100, 200 AC	1	5	0 - 0.7 [0.0 - 101.5]	5 - 50 [41 - 122]
G010HE1 / HG010HE1	2/2, 3/2 Single High Flow	10 [0.39]	0.025	0.45 [0.018]	M3 x 0.5, M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	12, 24 DC	1.1 - 3.2	5	0 - 0.7 [0.0 - 101.5]	5 - 50 [41 - 122]
CS-G010HE1	2/2, 3/2 Single High Flow Clean System	10 [0.39]	0.025	0.45 [0.018]	M3 x 0.5, M5 x 0.8 [upon request]	Single Subbase, Block Manifold	Direct, Base	12, 24 DC	1.1 - 3.2	5	0 - 0.7 [0.0 - 101.5]	5 - 50 [41 - 122]
G010LE1 / HG010LE1	2/2, 3/2 Single Low Current	10 [0.39]	0.006	0.1 [0.004]	M3 x 0.5, M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	5, 6, 12, 24 DC	0.5	5	0 - 0.7 [0.0 - 101.5]	5 - 50 [41 - 122]

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

G010 / HG010 Series - Direct Acting Solenoid Valves

[Click Here for Access to Catalogs, CAD Drawings, Videos and More!](#)

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]
CS-G010LE1	2/2, 3/2 Single Low Current Clean System	10 [0.39]	0.006	0.1 [0.004]	M3 x 0.5, M5 x 0.8 [upon request]	Single Subbase, Block Manifold	Direct, Base	5, 6, 12, 24 DC	0.5	5	0 - 0.7 [0.0 - 101.5]	5 - 50 [41 - 122]
GV010E1 / HG010E1	2/2, 3/2 Single Vacuum	10 [0.39]	0.011	0.2 [0.008]	M3 x 0.5, M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	5, 6, 12, 24 DC 100, 200 AC	1	5	-0.1 - 0 [-14.5 - 0.0]	5 - 50 [41 - 122]
CS-GV010E1	2/2, 3/2 Single Vacuum Clean System	10 [0.39]	0.011	0.2 [0.008]	M3 x 0.5, M5 x 0.8 [upon request]	Single Subbase, Block Manifold	Direct, Base	5, 6, 12, 24 DC 100, 200 AC	1	5	-0.1 - 0 [-14.5 - 0.0]	5 - 50 [41 - 122]
GV010HE1 / HG010HE1	2/2, 3/2 Single Vacuum High Flow	10 [0.39]	0.025	0.45 [0.018]	M3 x 0.5, M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	12, 24 DC	1.1 - 3.2	5	-0.1 - 0 [-14.5 - 0.0]	5 - 50 [41 - 122]
CS-GV010HE1	2/2, 3/2 Single Vacuum High Flow Clean System	10 [0.39]	0.025	0.45 [0.018]	M3 x 0.5, M5 x 0.8 [upon request]	Single Subbase, Block Manifold	Direct, Base	12, 24 DC	1.1 - 3.2	5	-0.1 - 0 [-14.5 - 0.0]	5 - 50 [41 - 122]
GV010LE1 / HG010LE1	2/2, 3/2 Single Vacuum Low Current	10 [0.39]	0.006	0.1 [0.004]	M3 x 0.5, M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	5, 6, 12, 24 DC	0.5	5	-0.1 - 0 [-14.5 - 0.0]	5 - 50 [41 - 122]
CS-GV010LE1	2/2, 3/2 Single Vacuum Low Current Clean System	10 [0.39]	0.006	0.1 [0.004]	M3 x 0.5, M5 x 0.8 [upon request]	Single Subbase, Block Manifold	Direct, Base	5, 6, 12, 24 DC	0.5	5	-0.1 - 0 [-14.5 - 0.0]	5 - 50 [41 - 122]