

Cole-Parmer® Two- and Three-Way Direct Lift Solenoid Valves

Ideal with high-purity or corrosive fluids—made of inert PTFE

- Minimize trapped liquids with minimal dead volume
- Mount almost anywhere—lightweight and compact

Models with a 1/16" orifice have mounting holes at the bottom only and models with a 3/32" or 5/32" orifice have mounting holes at the top and bottom. Optional mounting clip 01540-50 can be used to mount valves with a 1/16" orifice in any position.



Mounting clip 01540-50



Mounting flange 01540-55



Specifications

Vacuum rating: 26" Hg **Lead wire length:** 15" (38 cm)
Maximum fluid temperature: 158°F (70°C)



Ports NPT(F)	Orifice	Max psi	Response time	Watts	12 VDC		24 VDC	
					Catalog number	Price	Catalog number	Price
Two-way solenoid valves; normally closed								
1/4-28	1/16"	30	20 ms	4.0	GH-01540-01		GH-01540-02	
1/4-28	1/16"	60	25 ms	8.0	GH-01540-03		GH-01540-04	
1/4-28	3/32"	20	20 ms	5.1	GH-01540-05		GH-01540-06	
1/8	5/32"	18	30 ms	8.0	GH-01540-07		GH-01540-08	
Two-way solenoid valves; normally open								
1/4-28	1/16"	30	20 ms	4.0	GH-01540-09		GH-01540-10	
Three-way solenoid valves								
1/4-28	1/16"	30	20 ms	4.0	GH-01540-11		GH-01540-12	
1/4-28	1/16"	60	25 ms	8.0	GH-01540-13		GH-01540-14	
1/8	5/32"	18	30 ms	8.0	GH-01540-17		GH-01540-18	

[GH-01540-50](#) Mounting clip for two- and three-way valves

[GH-01540-55](#) Mounting flange for two- and three-way valves

Can't choose?

Trust our **expert** Application Specialists to help you find the right product.

Jeevan, 25+ years of experience

Call: 800-323-4340 E-mail: sales@coleparmer.com

Plastic Solenoid Valves

Use under full vacuum

- Chemical-resistant for aggressive fluids
- Voltage tolerance is ±10%
- 100% duty cycle

Two-Way Direct Lift Valves are normally closed; bellows made of PTFE; seals made of Viton®.

Ports NPT(F)	Orifice	CV	Pressure range	Response time	Watts	120 VAC, 60 Hz		240 VAC, 50/60 Hz	
						Catalog number	Price	Catalog number	Price
PVC body; operating temperature range is from 32 to 140°F (0 to 60°C)									
1/4"	1/4"	1.1	30" Hg to 140 psi	40 msec	20	GH-98554-42		GH-98554-52	
1/2"	3/8"	1.1	30" Hg to 140 psi			GH-98554-44		GH-98554-54	
3/4"	1/2"	3.1	30" Hg to 58 psi			GH-98554-46		GH-98554-56	
PP valves; operating temperature range is from 32 to 220°F (0 to 105°C)									
1/4"	1/4"	1.1	30" Hg to 140 psi	40 msec	20	GH-98554-62		GH-98554-72	
1/2"	3/8"	1.1	30" Hg to 140 psi			GH-98554-64		GH-98554-74	
3/4"	1/2"	3.1	30" Hg to 58 psi			GH-98554-66		GH-98554-76	
PVDF valves; operating temperature range is from 32 to 284°F (0 to 140°C)									
1/4"	1/4"	1.1	30" Hg to 140 psi	40 msec	20	GH-98554-82		GH-98554-92	
1/2"	3/8"	1.1	30" Hg to 140 psi			GH-98554-84		GH-98554-94	
3/4"	1/2"	3.1	30" Hg to 58 psi			GH-98554-86		GH-98554-96	

Two-Way Pilot-Operated Valves with manual override are normally closed; require 7 psi differential pressure. Requires a 32-mm DIN plug sold separately below.

Ports NPT(F)	Orifice size	CV	Pressure range	Response time	Watts	120 VAC, 50/60 Hz		230 VAC, 50/60 Hz	
						Cat. no.	Price	Cat. no.	Price
PVC body, EPDM diaphragm; operating temperature range is from 32 to 122°F (0 to 50°C)									
1/2"	9/16"	5.8	7 to 85 psi	100 to 800 msec	5	GH-98604-00		GH-98604-05	
3/4"	3/4"	7.0				GH-98604-10		GH-98604-15	
1"	1"	10.3				GH-98604-20		GH-98604-25	
1 1/2"	1 1/2"	35.0	7 to 85 psi	100 to 800 msec	5	GH-98604-40		GH-98604-45	
2"	2"	41.9				GH-98604-50		GH-98604-55	

[GH-98605-50](#) DIN plug, 32-mm. With strain relief for cable

[GH-98605-52](#) DIN plug, 32-mm. For 1/2" conduit



Two-way valve 98554-44



Two-way valve with manual override 98604-10