

Solenoid gas valve, normally closed VE4000A











Class "A" Safety Shutoff Solenoid Gas Valve with threaded connections.






For control and regulation of gaseous fluids in gas power burners, gas boilers, ovens, furnaces and other gas consuming appliances.

Gas valve type	non regulated ON/OFF normally closed, fast opening
Media	natural gas, propane, air. Special versions for biogas available upon request
Materials	aluminium die cast body
Protection class	IP54
Electrical connection	PG11. DIN plug connector available upon request
Approvals	class "A" in accordance with EN161
Port connection type	internal threads
Threads type	BSP
Ambient temperature	-15 ... 60 °C
Maximum opening time	1 s
Maximum closing time	1 s
Additional description	

220...240 Vac versions

Valve size inch	Max. operating pressure mbar	Optional CPI - switch	Replacement coil	Type
3/8	360	-	BB052301	VE4010A1006 
1/2	360	-	BB052301	VE4015A1005 
3/4	200	MS05.25.01	BB052325	VE4020A1005 
1	200	MS05.25.01	BB052325	VE4025A1004 
1 1/4	200	MS05.40.01	BB052340	VE4032A1000 
1 1/2	200	MS05.40.01	BB052340	VE4040A1003 
2	200	MS05.50.01	BB052303	VE4050A1002 
2 1/2	200	MS05.80.01	BB052365	VE4065A1000 

110 Vac versions

Valve size inch	Max. operating pressure mbar	Optional CPI - switch	Replacement coil	Type
1/2	360	-	BB051102	VE4015A1013 
3/4	200	MS05.25.01	BB051125	VE4020A1054 
1	200	MS05.25.01	BB051125	VE4025A1053 
1 1/2	200	MS05.40.01	BB051140	VE4040A1052 
2	200	MS05.50.01	BB051152	VE4050A1051 

AC Solenoid gas valve, normally closed VE400AA







Class "A" AC powered, Safety Shutoff Solenoid Gas Valve with threaded connections.





For pilot and small burner applications in gas power burners, gas boilers, ovens, furnaces and other gas consuming appliances.

Gas valve type	AC powered,non regulated ON/OFF normally closed, fast opening
Media	natural gas, propane, air
Materials	brass body for 1/4" version, aluminium body for others
Protection class	IP65
Electrical connection	DIN plug
Approvals	class "A" in accordance with EN161
Port connection type	internal threads
Threads type	BSP
Ambient temperature	-15 ... 60 °C
Maximum opening time	1 s
Maximum closing time	1 s

220...240 Vac versions

Valve size inch	Max. operating pressure mbar	Type
1/4	500	VE408AA1007 
3/8	200	VE410AA1003 
1/2	200	VE415AA1008 
3/4	200	VE420AA1001 

110 Vac versions

Valve size inch	Max. operating pressure mbar	Type
1/4	500	VE408AA1015 
3/8	200	VE410AA1011 
1/2	200	VE415AA1016 
3/4	200	VE420AA1019 

Solenoid gas valve, normally open VE4000S







Solenoid Gas Valve normally open.

The VE4000S1 and VE4000S2 series gas valves are safety relief solenoid valves used as vent valves in gas power burners, gas boilers, ovens, furnaces and other gas consuming appliances



Gas valve type	non regulated ON/OFF normally open
Media	natural gas, propane, air
Materials	aluminium die cast body
Protection class	IP54. IP65 versions available upon request
Electrical connection	PG11. DIN plug connector available upon request
Approvals	class "A" in accordance with EN161
Max. operating pressure	360 mbar
Port connection type	internal threads
Threads type	BSP
Ambient temperature	-15 ... 60 °C
Maximum opening time	1 s
Maximum closing time	1 s
Additional description	<ul style="list-style-type: none">• The VE4000S1 series are standard vent valves.• The VE4000S2 series have a Closed Position Indication switch (CPI-switch) mounted at the bottom of the valve.• Other voltages (24Vac, 24-28Vdc) are available on request.• Optional Closed Position Indication Switch (CPI switch) is ordered separately.

VE4000S1 Series with CPI switch optional

Valve size inch	Rated voltage	Optional CPI-switch	Replacement coil	Type
3/4	220..240Vac	MS05.25.00	BB152302	VE4020S1038 
3/4	110Vac	MS05.25.00	BB151101	VE4020S1046 
1	220..240Vac	MS05.25.00	BB152302	VE4025S1037 
1	110Vac	MS05.25.00	BB151101	VE4025S1045 

VE4000S2 Series with CPI switch mounted on the bottom plug



Valve size inch	Rated voltage	Optional CPI-switch	Replacement coil	Type
3/4	220..240Vac	included	BB152302	VE4020S2044 
1	220..240Vac	included	BB152302	VE4025S2035 

Solenoid gas valve, normally closed, with characterized opening VE4000C














Class "A" Safety Shutoff Solenoid Gas Valve with threaded connections, with maximum flow rate adjustment and characterized opening.






For control and regulation of gaseous fluids in gas power burners, gas boilers, ovens, furnaces and other gas consuming appliances.

Gas valve type	non regulated ON/OFF normally closed, slow opening, with maximum flow rate adjustment
Media	natural gas, propane, air. Special versions for biogas available upon request
Materials	aluminium die cast body
Protection class	IP54. IP65 versions available upon request
Electrical connection	PG11. DIN plug connector available upon request
Approvals	class "A" in accordance with EN161
Port connection type	internal threads
Threads type	BSP
Ambient temperature	-15 ... 60 °C
Maximum opening time	30 s
Maximum closing time	1 s
Additional description	<ul style="list-style-type: none">• The maximum flow rate and the opening characteristics can be adjusted on top of the valve.• Additional voltages (24Vac, 24-28Vdc) are also available.• Optional Closed Position Indication Switch (CPI switch) is ordered separately.

220...240 Vac versions

Valve size inch	Max. operating pressure mbar	Optional CPI - switch	Replacement coil	Type
3/8	360	-	BB152301	VE4010C1004 
1/2	360	-	BB152301	VE4015C1003 
3/4	200	MS05.25.01	BB152325	VE4020C1003 
3/4	360	MS05.25.01	-	VE4020C1086 
1	200	MS05.25.01	BB152325	VE4025C1002 
1	360	MS05.25.01	-	VE4025C1119 
1 1/4	360	MS05.40.01	BB152340	VE4032C1032 
1 1/2	200	MS05.40.01	BB152326	VE4040C1001 
1 1/2	360	MS05.40.01	-	VE4040C1175 
2	200	MS05.50.01	BB151152	VE4050C1000 
2	360	MS05.50.01	-	VE4050C1117 

110 Vac versions

Valve size inch	Max. operating pressure mbar	Optional CPI - switch	Replacement coil	Type
3/8	360	-	-	VE4010C1046 
1/2	360	-	-	VE4015C1128 
1	360	MS05.25.01	-	VE4025C1127 
1 1/4	360	MS05.40.01	-	VE4032C1040 
1 1/2	360	MS05.40.01	BB152340	VE4040C1068 

Solenoid gas valve, normally closed, with flow rate adjustment VE4000B1



Class "A" Safety Shutoff Solenoid Gas Valve with threaded connections, with maximum flow rate adjustment.

For control and regulation of gaseous fluids in gas power burners, gas boilers, ovens, furnaces and other gas consuming appliances.




Gas valve type	non regulated ON/OFF normally closed, fast opening, with maximum flow rate adjustment
Media	natural gas, propane, air. Special versions for biogas available upon request
Materials	aluminium die cast body
Protection class	IP54 or IP65
Electrical connection	PG11 or DIN plug
Approvals	class "A" in accordance with EN161
Port connection type	internal threads
Threads type	BSP
Ambient temperature	-15 ... 60 °C
Maximum opening time	1 s
Maximum closing time	1 s
Additional description	<ul style="list-style-type: none"> • The maximum flow rate can be adjusted on top of the valve • Additional voltages (24Vac, 24-28Vdc) are also available. • Optional Closed Position Indication Switch (CPI switch) is ordered separately.

220...240 Vac versions

Valve size inch	Max. operating pressure mbar	Optional CPI - switch	Replacement coil	Type
3/8	360	-	- VE4010B1062	
1/2	360	-	BB152301 VE4015B1004	
3/4	200	MS05.25.01	BB152325 VE4020B1004	
3/4	360	MS05.25.01	- VE4020B1046	
1	200	MS05.25.01	BB152325 VE4025B1003	
1	360	MS05.25.01	- VE4025B1045	
1 1/4	360	MS05.40.01	- VE4032B1041	
1 1/2	200	MS05.40.01	BB152326 VE4040B1002	
1 1/2	360	MS05.40.01	- VE4040B1044	
2	200	MS05.50.01	BB152340 VE4050B1001	
2	360	MS05.50.01	BB152327 VE4050B1043	
2 1/2	200	MS05.80.01	BB152365 VE4065B1017	
3	200	MS05.80.01	BB152380 VE4080B1016	

110 Vac versions

Valve size inch	Max. operating pressure mbar	Optional CPI - switch	Replacement coil	Type
3/8	360	-	BB151101 VE4010B1054	
1/2	360	-	BB151107 VE4015B1012	
3/4	360	MS05.25.01	- VE4020B1087	
1	360	MS05.25.01	BB151125 VE4025B1078	

1 1/4	360	MS05.40.01	BB151103	VE4032B1074	
1 1/2	360	MS05.40.01	BB151103	VE4040B1069	
2	360	MS05.50.01	-	VE4050B1068	

Solenoid gas valve, normally closed, flanged connections VE4000B3












Class "A" Safety Shutoff Solenoid Gas Valve with flanged connections.



For control and regulation of gaseous fluids in gas power burners, gas boilers, ovens, furnaces and other gas consuming appliances.

Gas valve type	non regulated ON/OFF normally closed, fast opening
Media	natural gas, propane, air. Special versions for biogas available upon request
Materials	aluminium die cast body
Protection class	IP54. IP65 versions available upon request
Electrical connection	PG11. DIN plug connector available upon request
Approvals	class "A" in accordance with EN161
Port connection type	flanges ISO7005
Ambient temperature	-15 ... 60 °C
Maximum opening time	1 s
Maximum closing time	1 s
Additional description	<ul style="list-style-type: none"> Adjustable maximum flow rate on top of the coil. 4 auxiliary pressure taps with Rp 1/4" threaded connections, 2 on the inlet side, 2 on the outlet side. Other voltages are also available. Optional Closed Position Indication Switch (CPI switch) is ordered separately.

220...240 Vac versions

Valve size inch	Max. operating pressure mbar	Optional CPI - switch	Replacement coil	Type
2 1/2	200	MS05.80.00	BB152365	VE4065B3005 
2 1/2	360	MS05.80.00	BB152380	VE4065B3039 
2 1/2	360	MS05.80.00	-	VE4065B3138 
3	200	MS05.80.00	BB152380	VE4080B3004 
3	360	MS05.80.00	BB152382	VE4080B3038 
3	360	MS05.80.00	-	VE4080B3152 
4	200	-	BB152300	VE4100B3000 
4	200	MS05.100.01	BB152300	VE4100A3001 
4	360	-	BB152308	VE4100B3034 

110 Vac versions

Valve size inch	Max. operating pressure mbar	Optional CPI - switch	Replacement coil	Type
2 1/2	360	MS05.80.00	BB151180	VE4065B3047 
3	360	MS05.80.00	BB151105	VE4080B3046 

Closed Position Indication Switches

Description	Additional Product Type
For VE4020/25	MS05-25-01
For VE4032/40	MS05-40-01
For VE4050	MS05-50-01
For VE4065/80A1	MS05-65-01

For VE4065/80B3
For VE4100A

MS05-80-01
MS05-100-01