



Gas Solenoid Valve

DEVC Series

Fast Opening & Fast Closing Series

1. Application:

The gas solenoid valve can be widely used in the field of gas safety transportation control, to provide open and close or emergency cut off gas supply.

Can be applied to gaseous media, such as: **natural gas, methane, liquefied petroleum gas, etc.**

The valve body is equipped with bypass holes on both sides, the hole diameter is G1 / 8 "

2. Operation and installation

2.1 Normally closed type, open quickly when energized. Main function: To control the gas supply(on/off).

2.2 Can be used in combination with direct acting valves and slow opening valves of the same series.

3. Technical Parameters

Opening time: <1 second

Closing time: <1 second

Maximum operating frequency: 20 beats per minute

Maximum working pressure: 360mbar

Equipped with G 1/8 aperture bypass

Hole protection grade: IP54

Sealing material: NBR(Nitrile rubber)

Body material: Aluminum alloy AISI 302

steel spring for valve

Ambient temperature: -15°C -

60°Ctemperature: 65°C

4. Standards and certifications

4.1 "A" level standard EN161:2011 standard

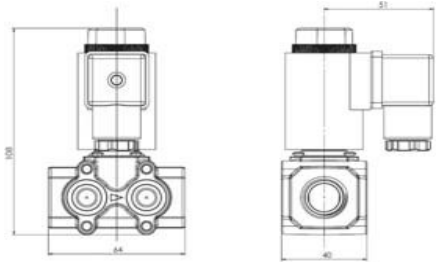
4.2 Complies with British and European gas standards

4.3 CE/KIWA certification

5. Electrical specifications

5.1 Rated voltage: 50 / 60Hz, 230Vac (and other specific)

5.2 Coil class: F, 360°rotation, 100% long-term continuous operation



"DEV-C008/010/015" Normally closed direct-acting solenoid valve installation dimensions (Unit: mm)





6. Attention for installation and use.

6.1 The horizontal pipeline section with less vibration should be selected during installation. 90 degrees installation is allowed below DN50 and only horizontal installation is allowed above DN65.

6.2 The parameters on the solenoid valve label should be consistent with the actual use requirements.

6.3 The arrow on the solenoid valve body should be consistent with the medium flow direction.

6.4 In order to ensure the normal use of the solenoid valve, please install a special gas filter in front of the valve.

6.5 There is no explosion-proof performance with the valve.

6.6 Please purge the pipeline thoroughly before installation to avoid the damage of the diaphragm caused by foreign objects and the malfunction of the solenoid valve.

6.7 Corresponding effective protection should be ensured if the valve need to be installed outdoors or under harsh conditions.

6.8 Once the solenoid valve fails, in order to isolate in time and facilitate maintenance, it is recommended to install a bypass (bypass) device.

6.9 If the valve fails to open and close during operation, please check whether the coil is powered off; whether the power supply and medium pressure are normal.

6.10 When the solenoid valve is not installed for the time being, it can be stored in an environment with an ambient temperature of 0 ~ 40°C and a relative humidity of ≤80% without corrosive gas.

Model	Passage	Connection	Max. Pressure (mbar)	Operating Temperature (°C)	Protection Lever
DEVC008	DN 08	RP 1/4"	360	-15 to 60	IP54
DEVC010	DN10	RP 3/8"	360	-15 to 60	IP54
DEVC015	DN 15	RP 1/2"	360	-15 to 60	IP54

1. Application

The gas solenoid valve can be widely used in the field of gas safety transportation control, to provide open and close or emergency cut off gas supply.

Can be applied to gaseous media, such as: natural gas, methane, liquefied petroleum gas, etc.

The valve body is equipped with bypass holes on both sides, the hole diameter is G1 / 8 "

2. Operation and installation

2.1 Normally closed type, open quickly when energized. Main function: **Ignition valve**.

2.2 Can be used in combination with direct acting valves and slow opening valves of the same series.

3. Technical Parameters

Opening time: <1 second

Closing time: <1 second

Maximum operating frequency: 20 beats per minute

Maximum working pressure: 360mbar

Equipped with G 1/8 aperture bypass

Hole protection grade: IP54

Sealing material: NBR(Nitrile rubber)

Body material: Aluminum alloy AISI 302 steel spring for valve

Ambient temperature: -15℃ -60 ℃

Coil temperature: 65℃

4. Standards and certifications

4.1 "A" level standard EN161: 2002 standard

4.2 Complies with British and European gas standards

4.3 CE certification

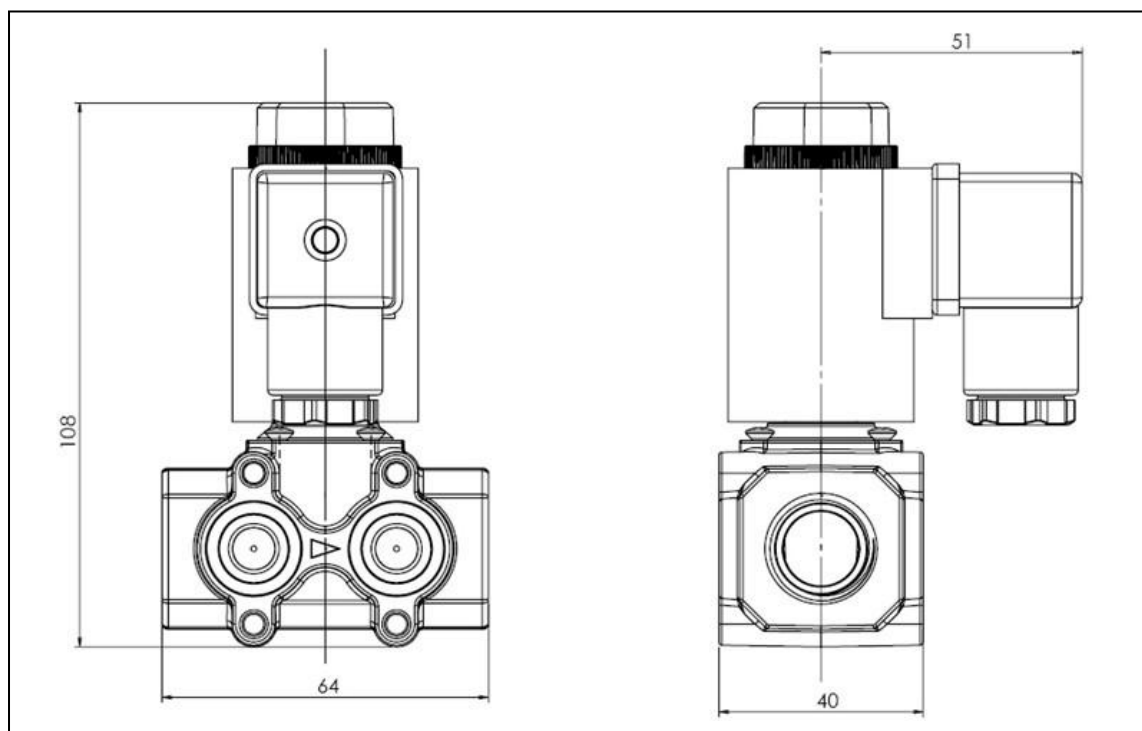
5. Electrical specifications

5.1 Rated voltage: 50 / 60Hz, 230Vac (and other specific)

5.2 Coil class: F, 360° rotation, 100% long-term continuous operation

TYPE (型号)	Passage DN (通径)	Connection (连接尺寸)	Max Pressure (最大压力 mbar)	Operating temperature (温度℃)	Protection Lever (防护等级)
DEVC008	08	RP 1/4"	360	-15 to 60	IP54
DEVC010	10	RP 3/8"	360	-15 to 60	IP54
DEVC015	15	RP 1/2"	360	-15 to 60	IP54

"DEV-C008/010/015" Normally closed direct-acting solenoid valve
Installation dimensions (Unit:mm)



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