

Соленоидные клапаны (взрывозащищенные) 151

Технические характеристики

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151 Series Solenoid Valve

Explosion-proof type

Brand: Zorgon

**Body Material
Aluminum
alloy or 316L
Stainless steel**



Seal: Nitrile O-ring

**Seal: Nitrile O-ring
Type: Namur
Working pressure:
1-8 Bar(Aluminum
alloy)/1.5-8 Bar
(SS316L)**



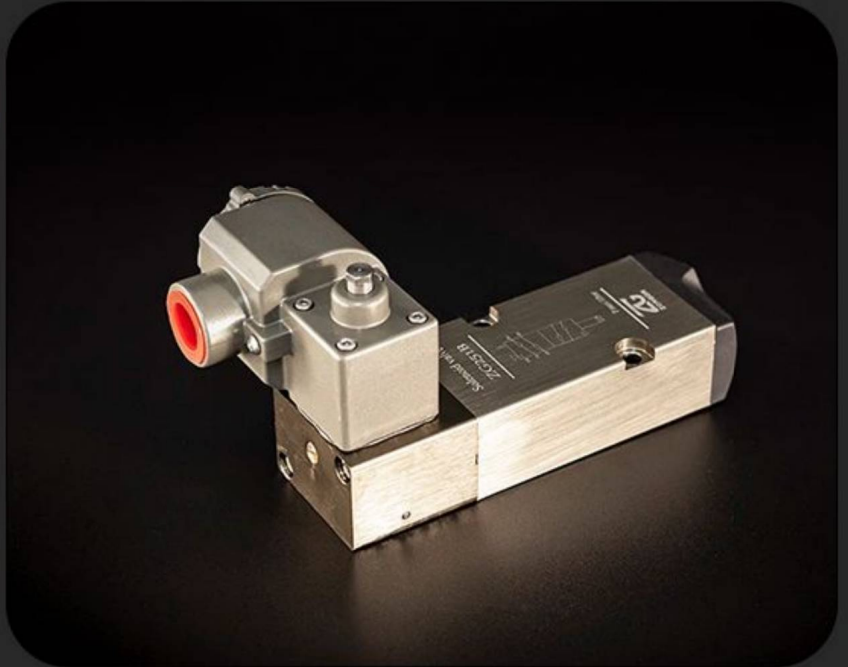
Voltage

DC12V;DC24V

AC24V 50HZ/60HZ

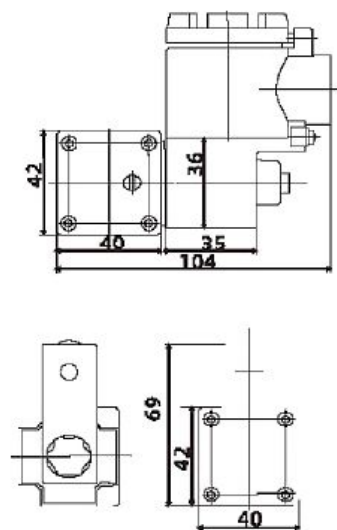
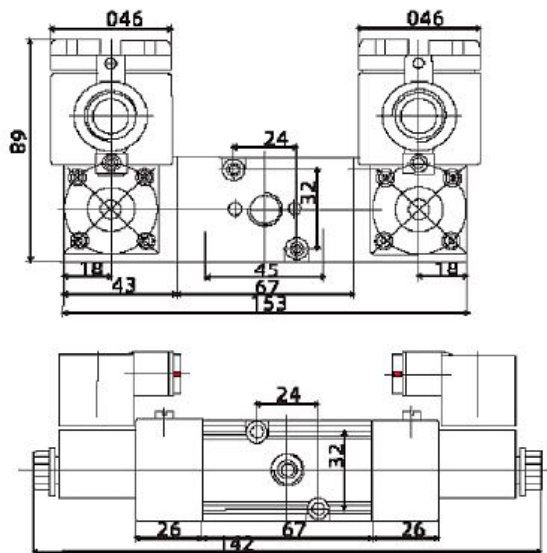
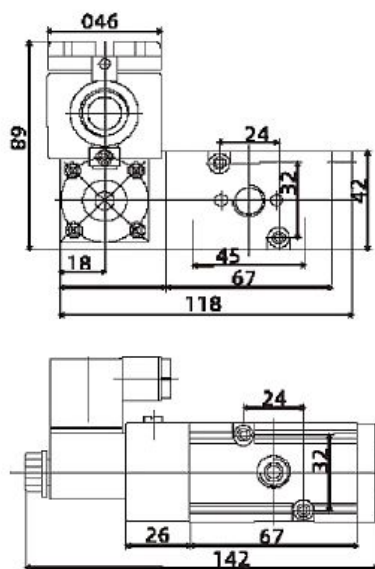
AC220V 50HZ/60HZ

AC380V 50HZ/60HZ



Brand: Zorgon. 151 Series Solenoid Valve Explosion-proof type Solenoid valve is the core control element in a valve automation control system. Selecting a high-quality solenoid valve is a reliable and safety guarantee for whole project. Ambient temperature of the product should meet the limited temperature of the working environment.

According to the corrosion and temperature of the working environment, we should select the product with the corresponding material. The protective solenoid valve and explosion-proof solenoid valve produced by our company can meet the two installation methods of NAMUR board connection and pipe connection. It has two types which is two-position five-way or three-position five-way. It can directly control single-acting and double-acting pneumatic actuators without any adapter plate assistance and is equipped with a safe and reliable manual device on the pilot. This is a real multi-function solenoid valve.



Technical Parameter

Model	Protection type
Body material	Cold extruded aluminum alloy or 316L stainless steel
Appearance treatment	Anodized or chemically nickel coated
Seal	Nitrile "O"ring
Media contact material	Aluminum, NBR, POM
Body function and CV value	5/2and3/2NC,Cv=1. 4(25M')
Air supply interface	G1/4"or NPT1/4" (optional 3/80
Installation standard	Namur 24X32 and pipe connection, valve body with hand gear
Fastening screws	Stainless steel

Technical Parameter

model	Flameproof
Protection class	IP65/66(can be used indoors and outdoors)
Explosion-proof grade	Exd11CT6/DIP A20 TA, T6
Working environment	Indoor and outdoor clean environment
Working pressure	1^8 bar(Aluminum alloy)/I. 5^8 bar(SS316L)
Dual electric control	Available
Working life	More than 1 million times (normal work)
Working medium	After filtering (<-40um) Dry and lubricated air or neutral gas

Order code

151

151 Series Solenoid Valve

1

Series Code

1:G1/8
2:G1/4
3:G3/8
4:G1/2

5

Coils and bits

3:Two-position three-way
5:Two-position five-way

1

Electronic control method

1 :Dual position single electronic control
2: Dual position dual electric control
3: Three-position dual electric control

B

B:Namur type

G:Pipe connection type

F

F:flameproof type

AC220V

Standardvoltagega

DC12V

DC24V

AC24V

50HZ/60HZ

AC110V 50HZ/60HZ

AC220V 50HZ/60HZ

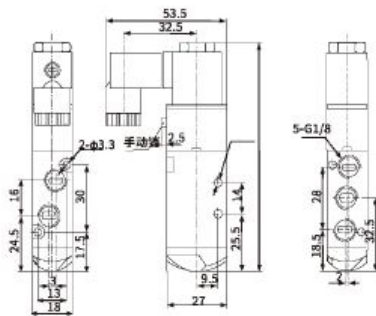
AC380V 50HZ/60HZ

Specifcation

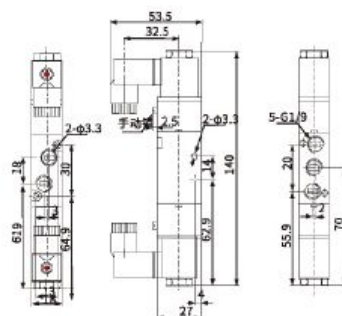
Model	151	251	351	451
Position and Way No.	Two-position Five-way	Three-position Five-way	Two-position Five-way	Three-position Five-way
Interface Diameter	G1/8	G1/4	G3/8	G1/2
Working Pressure	0.15-0.8MPa			
Max Pressure	12 Mpa			
Working Temperature	5-60°C			
Voltage Range	±15%-±10%			
Power Consumption	AC:5.5VA DC:4.8W			
Insulation and Protection class	F class. 1P65/1P67			
Max Frequency	5 Cycle/Seconds			
Minimum Excitation time	<0.05 Seconds			

Dimensions

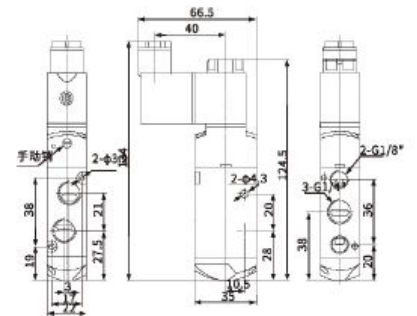
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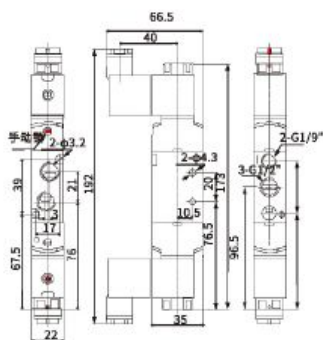
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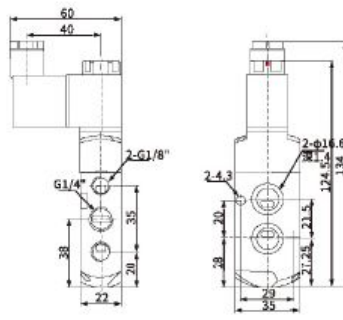
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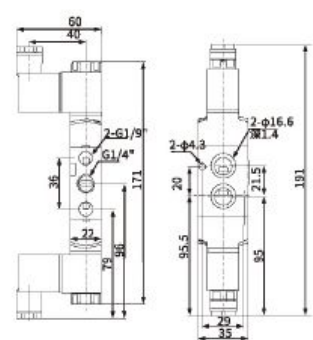
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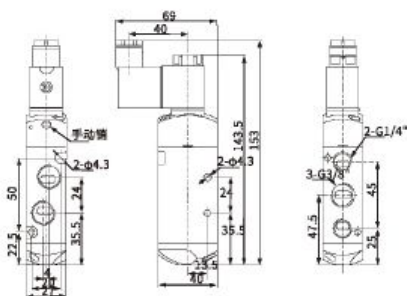
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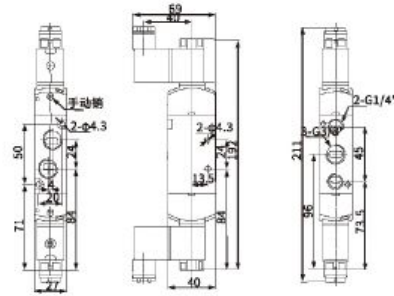
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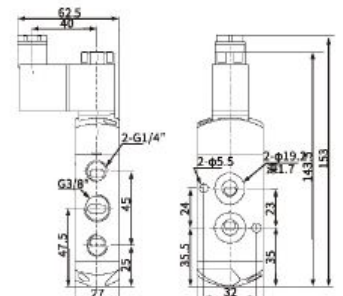
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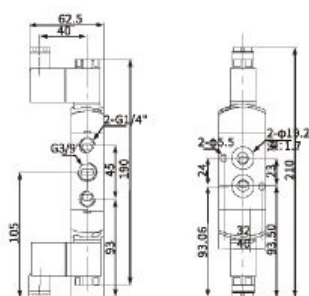
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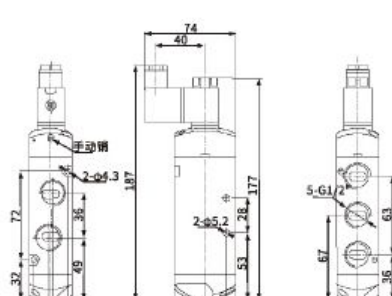
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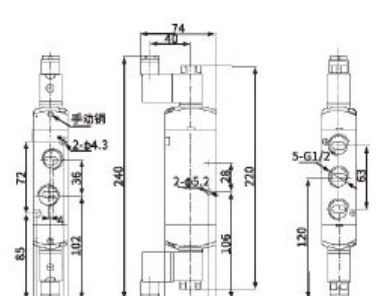
352-B



451



452



151 Series Solenoid Valve

Technical parameters of low-power explosion-proof coil

Model	151 Series F Type
Name	Aluminum alloy shell flameproof coil, 316 Stainless Steel Material
Working Voltage	12VDC/24VDC35W,24VDC-0.7W24/110/120/220/240VAC4VA(50/60HZ)
Voltage Fluctuation Is Allowed	±10%
Insulation Class	F grade(optional H grade)
Insulation Voltage	1000V
Load Factor	100%ED(can work continuously)
Coil Housing	Aluminum alloy
Cable Interface	1/2*NPT or M20*1.5, 3P terminal block
Installation Method	Static iron core embedded
Weather Protection	IP65 / IP67
Hazardous Area Classification	Exd IICT6/Exd CT6
Working Temperature	-20°C~60°C / -60°C-60°C

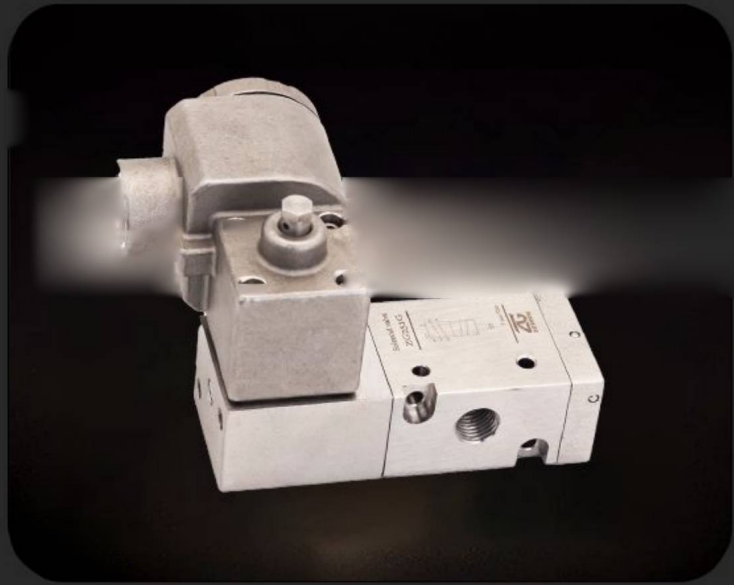


151 Series Solenoid Valve

Explosion-proof type

Brand: Zorgon

Body Material
Aluminum
alloy or 316L
Stainless steel



Seal: Nitrile O-ring

Seal: Nitrile O-ring
Type: Namur
Working pressure:
1-8 Bar(Aluminum
alloy)/1.5-8 Bar
(SS316L)

Voltage

DC12V;DC24V

AC24V 50HZ/60HZ

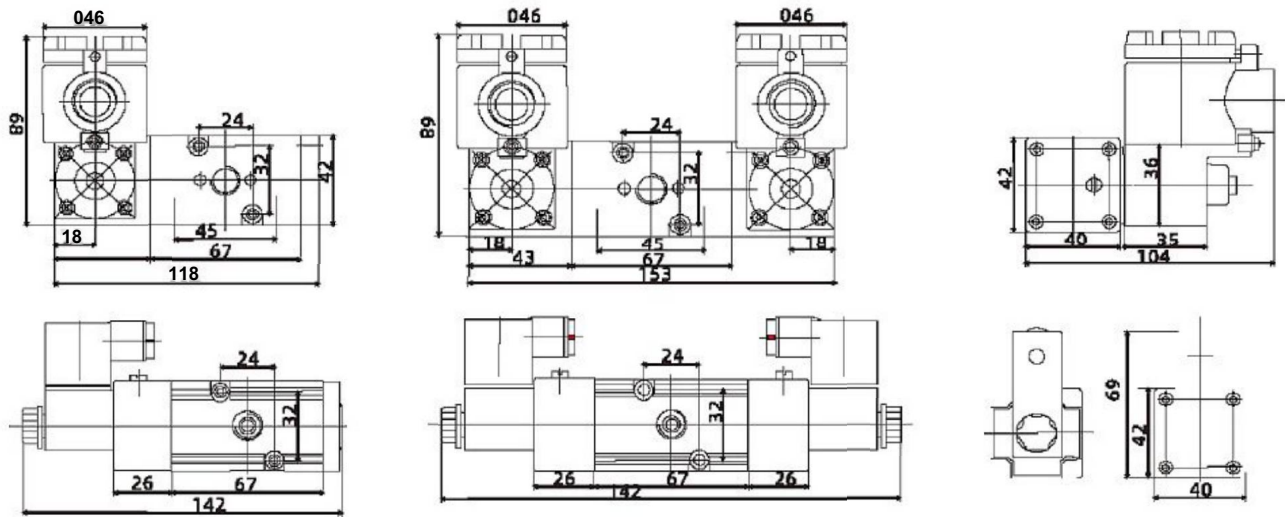
AC220V 50HZ/60HZ

AC380V 50HZ/60HZ



Brand: Zorgon. 151 Series Solenoid Valve Explosion-proof type Solenoid valve is the core control element in a valve automation control system. Selecting a high-quality solenoid valve is a reliable and safety guarantee for whole project. Ambient temperature of the product should meet the limited temperature of the working environment. According to the corrosion and temperature of the working environment, we should select the product with the corresponding material. The protective solenoid valve and explosion-proof solenoid valve produced by our company can meet the two installation methods of NAMUR board connection and pipe connection. It has two types which is two-position five-way or three-position five-way. It can directly control single-acting and double-acting pneumatic actuators without any adapter plate assistance and is equipped with a safe and reliable manual device on the pilot. This is a real multi-function solenoid valve.





Technical Parameter

Model	Protection type
Body material	Cold extruded aluminum alloy or 316L stainless steel
Appearance treatment	Anodized or chemically nickel coated
Seal	Nitrile *O*ring
Media contact material	Aluminum, NBR, POM
Body function and CV value	5/2and3/2NC, Cv=1.4 (25mm')
Air supply interface	G1/4"or NPT1/4" (optional 3/8')
Installation standard	Namur 24X32 and pipe connection, valve body with hand gear
Fastening screws	Stainless steel

Technical Parameter

model	Flameproof
Protection class	IP65/bb(can be used indoors and outdoors)
Explosion-proof grade	ExdIICT6/DIP A20 TA,T6
Working environment	Indoor and outdoor clean environment
Working pressure	1 [^] 8 bar(Aluminum alloy)/1.5 [^] 8 bar(SS316L)
Dual electric control	Available
Working life	More than 1 million times (normal work)
Working medium	After filtering (<-40um) Dry and lubricated air or neutral gas

Order code

151

151 Series Solenoid Valve

1

Series Code

1:G1/8
2:G1/4
3:G3/8
4:G1/2

5

Coils and bits

3:Two-position three-way
5:Two-position five-way

1

Electronic control method

1 :Dual position single electronic control
2: Dual position dual electric control
3: Three-position dual electric control

B

B: Namur type

G: Pipe connection type

F

F: flameproof type

AC220V

Standard voltage

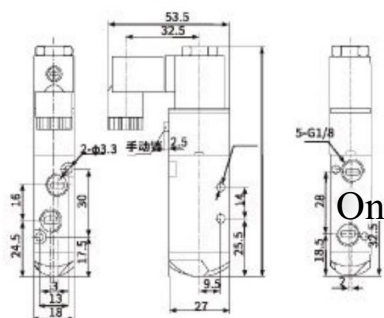
DC12V
DC24V
AC24V
50HZ/60HZ
AC110V 50HZ/60HZ
AC220V 50HZ/60HZ
AC380V 50HZ/60HZ

Specification

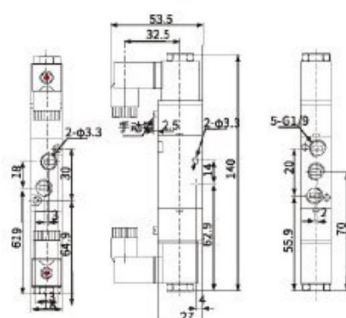
Model	151	251	351	451
Position and Way No.	Two-position Five-way	Three-position Five-way	Two-position Five-way	Three-position Five-way
Interface Diameter	G1/8	G1/4	G3/8	G1/2
Working Pressure	0.15-0.8MPa			
Max Pressure	12 Mpa			
Working Temperature	5-60°C			
Voltage Range	±15%±10%			
Power Consumption	AC:5.5VA DC:4.8W			
Insulation and Protection class	F class. IP65/IP67			
Max Frequency	5 Cycle/Seconds			
Minimum Excitation time	<0.05 Seconds			

Dimensions

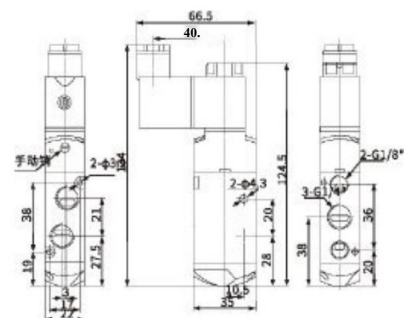
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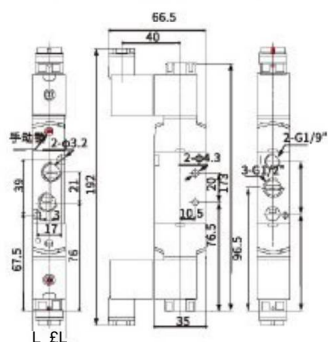
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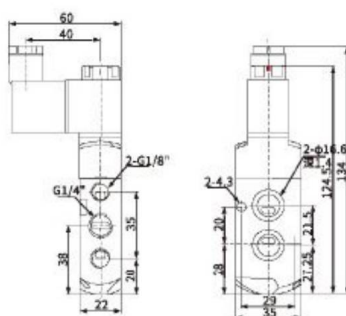
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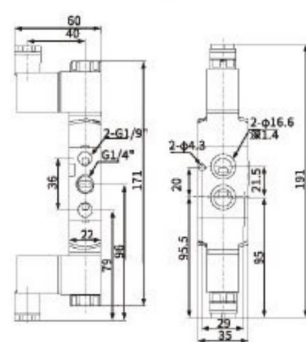
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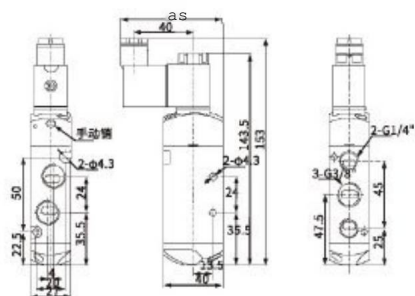
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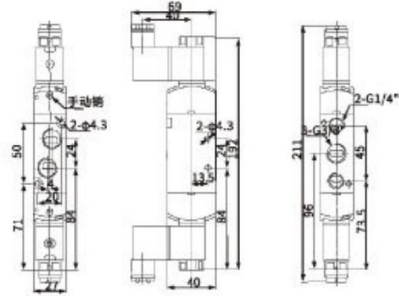
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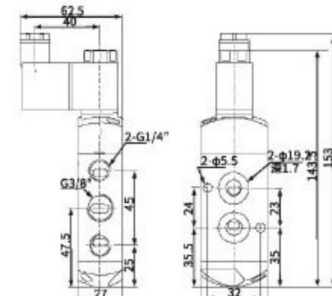
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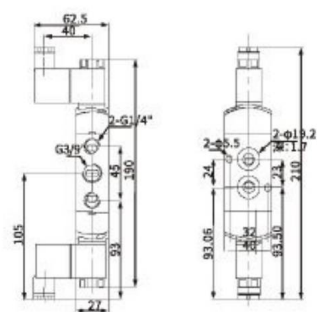
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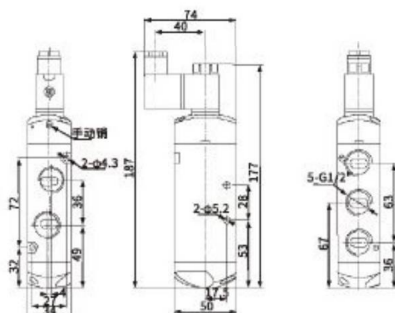
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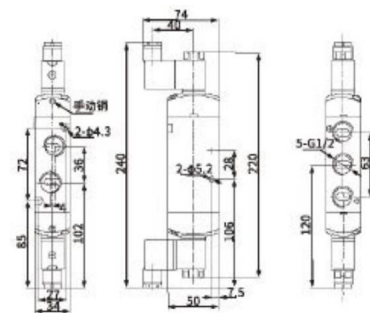
352-B



451



452



151 Series Solenoid Valve

Technical parameters of low-power explosion-proof coil

Model	151 Series F Type
Name	Aluminum alloy shell flameproof coil, 316 Stainless Steel Material
Working Voltage	12VDC/24VDC35W, 24VDC-0. 7W24/110/120/220/240VAC4VA(50/60HZ)
Voltage Fluctuation Is Allowed	±10%
Insulation Class	F grade(optional H grade)
Insulation Voltage	1000V
Load Factor	100%ED(can work continuously)
Coil Housing	Aluminum alloy
Cable Interface	1/2"NPT or M20*1.5, 3P terminal block
Installation Method	Static iron core embedded
Weather Protection	IP65 / IP67
Hazardous Area Classification	Exd IICT6/Exd CT6
Working Temperature	-20°C~60°C / -60°C~60°C

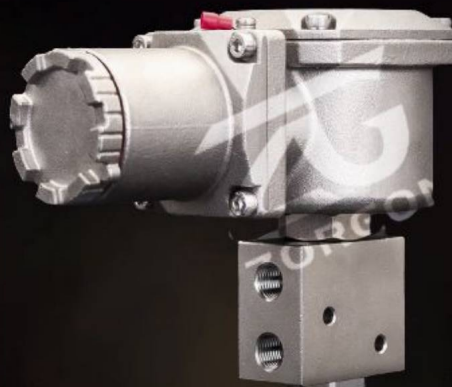


151 Series Solenoid Valve

Explosion-proof type

Brand: Zorgon

Body Material
Aluminum
alloy or 316L
Stainless steel



Seal: Nitrile O-ring

Seal: Nitrile O-ring
Type: Namur
Working pressure:
1-8 Bar(Aluminum
alloy)/1.5-8 Bar
(SS316L)

Voltage

DC12V;DC24V

AC24V 50HZ/60HZ

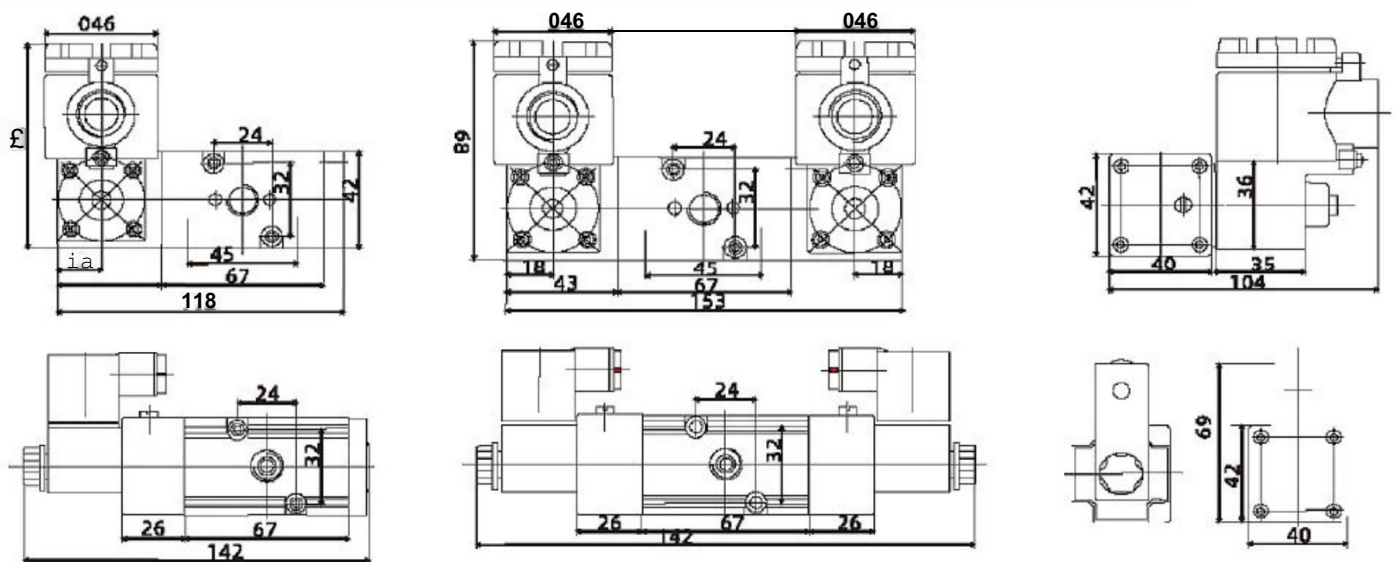
AC220V 50HZ/60HZ

AC380V 50HZ/60HZ



Brand: Zorgon. 151 Series Solenoid Valve Explosion-proof type Solenoid valve is the core control element in a valve automation control system. Selecting a high-quality solenoid valve is a reliable and safety guarantee for whole project. Ambient temperature of the product should meet the limited temperature of the working environment.

According to the corrosion and temperature of the working environment, we should select the product with the corresponding material. The protective solenoid valve and explosion-proof solenoid valve produced by our company can meet the two installation methods of NAMUR board connection and pipe connection. It has two types which is two-position five-way or three-position five-way. It can directly control single-acting and double-acting pneumatic actuators without any adapter plate assistance and is equipped with a safe and reliable manual device on the pilot. This is a real multi-function solenoid valve.



151 Series Solenoid Valve

Technical parameters of low-power explosion-proof coil

Model	151 Series F Type
Name	Aluminum alloy shell flameproof coil, 316 Stainless Steel Material
Working Voltage	12VDC/24VDC35W, 24VDC-0.7W24/110/120/220/240VAC4VA(50/60HZ)
Voltage Fluctuation Is Allowed	±10%
Insulation Class	F grade(optional H grade)
Insulation Voltage	1000V
Load Factor	100%ED(can work continuously)
Coil Housing	Aluminum alloy
Cable Interface	1/2"NPT or M20*1.5, 3P terminal block
Installation Method	Static iron core embedded
Weather Protection	IP65 / IP67
Hazardous Area Classification	Exd IICT6/Exd CT6
Working Temperature	-20°C~60°C / -60°C~60°C

Technical Parameter

Model	Protection type
Body material	Cold extruded aluminum alloy or 316L stainless steel
Appearance treatment	Anodized or chemically nickel coated
Seal	Nitrile "O"ring
Media contact material	Aluminum,NBR, POM
Body function and CV value	5/2and3/2NC, Cv=1. 4 (25iw»')
Air supply interface	G1/4'or NPT1/4'(optional 3/8")
Installation standard	Namur 24X32 and pipe connection, valve body with hand gear
Fastening screws	Stainless steel

Technical Parameter

model	Flameproof
Protection class	IP65/66(can be used indoors and outdoors)
Explosion-proof grade	Exd11CT6/DIP A20 TA,T6
Working environment	Indoor and outdoor clean environment
Working pressure	18̃ bar(Aluminum alloy)/1. 5^8 bar(SS316L)
Dual electric control	Available
Working life	More than 1 million times (normal work)
Working medium	After filtering (<-40um) Dry and lubricated air or neutral gas

Order code

151

151 Series Solenoid Valve

1

Series Code

1:G1/8
2:G1/4
3:G3/8
4:G1/2

5

Coils and bits

3:Two-position three-way
5:Two-position five-way

1

Electronic control method

1:Dual position single electronic control
2:Dual position dual electric control
3:Three-position dual electric control

B

B:Namur type

G:Pipe connection type

F

F:flameproof type

AC220V

Standardvoltagega

DC 12V

DC24V

AC24V

50HZ/60HZ

AC 110V 50HZ/60HZ

AC220V 50HZ/60HZ

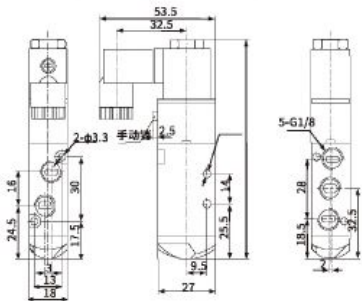
AC380V 50HZ/60HZ

Specifcation

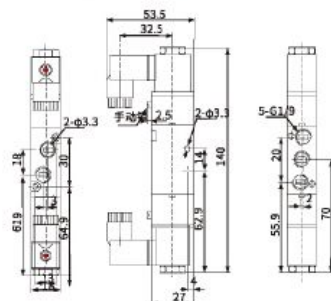
Model	151	251	351	451
Position and Way No.	Two-position Five-way	Three-position Five-way	Two-position Five-way	Three-position Five-way
Interface Diameter	G1/8	G1/4	G3/8	G1/2
Working Pressure	0.15-0.8MPa			
Max Pressure	12 Mpa			
Working Temperature	5-60°C			
Voltage Range	±15%-±10%			
Power Consumption	AC:5.5VA DC:4.8W			
Insulation and Protection class	F class.IP65/1P67			
Max Frequency	5 Cycle/Seconds			
Minimum Excitation time	<0.05 Seconds			

Dimensions

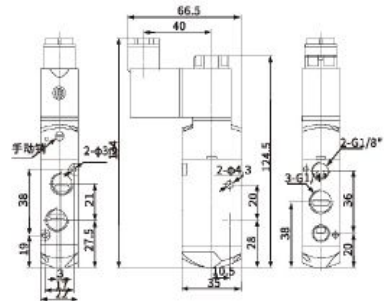
151



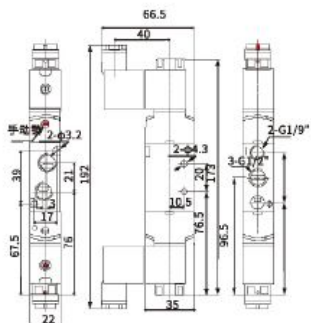
152



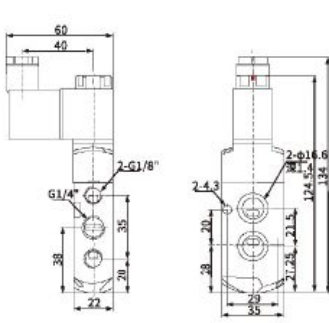
251



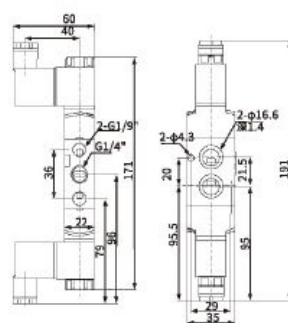
252



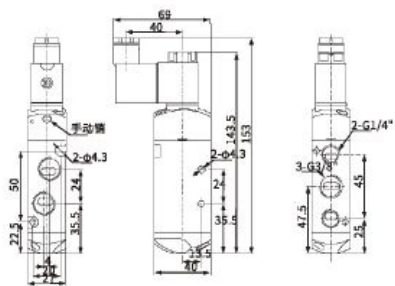
251-B



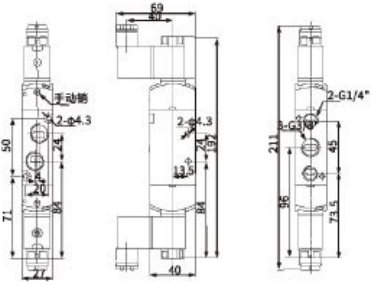
252-B



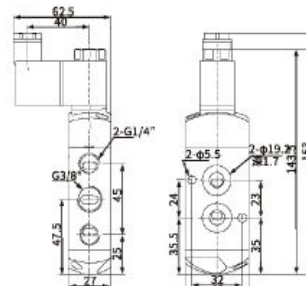
351



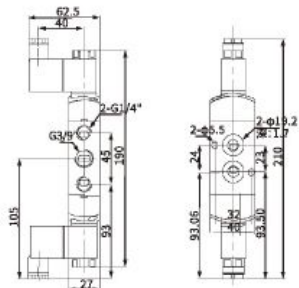
352



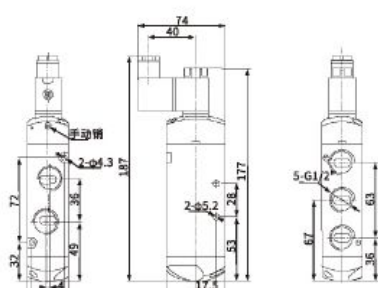
351-B



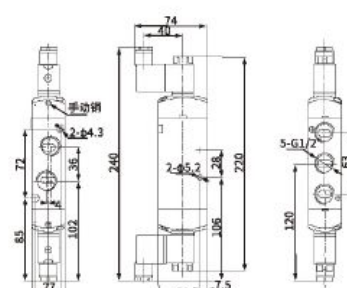
352-B



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