



 **宁波展鹰智能厨卫科技有限公司**
Ningbo Geagle Intelligent Kitchen & Bath Tech Co., Ltd

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**International Supplier of
Core Components for
Intelligent Kitchen & Bath**

智能厨卫核心部件国际供应商

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GEAGLE



公司简介

宁波展鹰智能厨卫科技有限公司成立于2001年，公司专业研发生产智能厨卫核心部件及成套智能产品。公司集设计、研发、制造于一体，经过二十多年的努力，在双稳态电磁阀、单片机智能控制、感应探测、超低功耗、防水、节水、节能等诸多方面都取得了很大突破，并在智能马桶冲洗阀、恒压恒流阀、电磁阀、红外控制器、防水连接件、干手器、智能水龙头、智能补水地漏等方面获得四十多项发明、实用新型及外观专利。公司现有智能厨房水龙头、感应水龙头、冲洗器、干手器、给电器、喷香器、淋浴器、智能补水地漏等十几个系列100多个应用产品及核心部件。凭借专注行业20多年的技术研发力量，科学严谨的质量管理体系，本着专业、专注、专心的经营理念，努力追求最大的客户满意度。

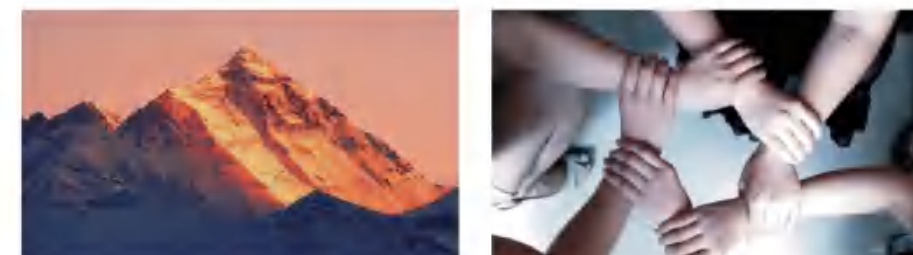
展鹰一直致力于成为世界一流的智能厨卫核心部件国际供应商，为行业提供优质、先进的智能厨卫核心技术及产品。我们从研究基础的核心部件入手，运用各类智能技术，系统设计，研发智能化、人性化、安全可靠的智能厨卫产品控制系统；以客户为导向，竭诚为全球客户提供卓越的OEM/ODM服务。

COMPANY PROFILE

Established in 2001, Ningbo Geagle Intelligent Kitchen & Bath Tech Co., Ltd specializing in the research and development, as well as production the core components of intelligent kitchen and bath wares. Geagle integrates design, research development and manufacturing, after more than 20 years of effort, it has made great breakthroughs on many aspects such as bistable solenoid valves, SCM intelligent controls, infrared sensors, ultra-low power consumption, waterproofing, water conservation, and energy conservation.

Geagle has obtained more than 30 invention patents, utility model patents, and appearance patents in intelligent toilet flushing valves, constant pressure and constant flow valves, solenoid valves, infrared controls, waterproof connectors, hand dryers, intelligent faucets, manual and sensor combined kitchen faucets, water-replenishing environmentally-friendly floor drains, and other aspects. Currently, Geagle has more than 100 application products and core components in over ten series, including manuals and sensor combined kitchen faucets, sensor faucets, toilet flushing systems, automatic hand dryers, automatic soap dispensers, automatic fragrance sprayers, shower-heads, water-replenishing floor drains, etc. With 20 years of technical research and development strength in the industry and a rigorous quality management system, the company adheres to the business philosophy of professionalism, focus, and dedication, and strives to pursue maximum customer satisfaction.

Geagle has been committed to becoming a world-class international core components supplier of intelligent kitchen and bath, providing the industry with high-quality and advanced intelligent kitchen and bath core technology and products. Starting from the research of basic core components, the company utilizes intelligent technology to design and develop intelligent, user-friendly, safe and reliable kitchen and bath product control systems. With customers as the guide, Geagle provides excellent OEM/ODM services to global customers.



展鹰使命

研制世界一流的智能厨卫产品，为人类创造更加舒适的生活环境。

展鹰价值观

诚信——做人诚实守信，以诚待人，信守承诺，有契约精神。

务实——做事实事求是，言行一致，一切从实际出发，追求真理。

快乐——快乐工作，快乐生活。

共赢——互惠互利，共同发展，追求客户、企业、员工和社会的利益共享。

Geagle Mission

Develop world-class intelligent kitchen and bath products to create a more comfortable living environment for humanity.

Company Values

Integrity—Honest and trustworthy; treat others with sincerity, keep promises, and have a spirit of contract.

Pragmatism—seek truth from facts in work; act consistently and pursue truth from practicality.

Happiness —Enjoy work and life.

Win-win —Mutual benefit and common development, pursues shared interests of the customers, enterprise, employees and society.

资质证书 Qualification Certificate



专利证书 Patent Certificate



智能厨卫四大核心技术

Four Core Technologies of Intelligent Kitchen and Bath

智能厨卫产品的可靠性、稳定性完全取决于电子感应控制技术、电磁阀控水技术、防水连接技术、电源系统等四大核心技术可靠、稳定、安全的运行。展鹰经过20多年精心研制，充分实现了四大核心技术在智能厨卫产品上的可靠应用，从而确保了智能厨卫系统整体品质。

The reliability and stability of intelligent kitchen and bath equipment depends entirely on the reliable, stable, and safe operation of the four core technologies: electronic infrared detection technology, solenoid valve water control technology, waterproof connection technology, and power servo system. After 20 years of careful research and development, Geagle has fully achieved reliable application of these four core technologies in intelligent kitchen and bath equipment, thus ensuring the overall quality of the intelligent kitchen and bath system.



电子感应控制技术

展鹰电控技术采用微型集成控制元件，以数字处理方式，对探测到的信息进行精确的分析检测，并以编程软件进行控制，使产品的智能程度更高，执行工作程序更精确，控制产品更稳定，从而使厨卫产品更加人性化。

Sensor Control Technology

Geagle electronic control technology adopts micro-integrated control components and digital processing methods to perform precise analysis and detection of the information detected by infrared detection. Control is done through programming software, making the product more intelligent, the work program more accurate, and the control equipment more stable. This makes the kitchen and bath products more user-friendly.



电磁阀控水技术

电磁阀是智能厨卫产品最关键元件之一。安全可靠的实现水流的开关，完全依赖于电磁阀性能是否优越。展鹰用20多年的时间研究设计的双稳态电磁阀具有灵敏度高，水压范围大，功耗低，使用寿命长的特点，为提供高质量智能厨卫产品奠定了基础。

Water Control Technology Of Solenoid Valve

The solenoid valve is one of the most critical components of intelligent kitchen and bath products. The water flow switch safely and reliably depends on whether the performance of the solenoid valve is superior. Geagle's bi-stable solenoid valve, which has been researched and designed for 10 years, has the characteristics of high sensitivity, large water pressure range, extremely low power consumption, and long service life. This has laid the foundation for providing high-quality intelligent kitchen and bath products.



防水连接技术

卫生间的潮湿环境，对于微电流的电子控制系统要求极高，展鹰为解决这个困难，研发设计了防反插防水连接件，有效提高了整个控制系统的稳定性和可靠性，大大提高了智能厨卫产品的使用寿命。

Water-proof Connection Technology

The humid environment in the bathroom requires a high demand for the micro-current electronic control system. To solve this problem, Geagle has developed and designed anti-reverse and waterproof connectors, which effectively improves the stability and reliability of the entire control system, greatly enhancing the service life of intelligent kitchen and bath products.



电源系统

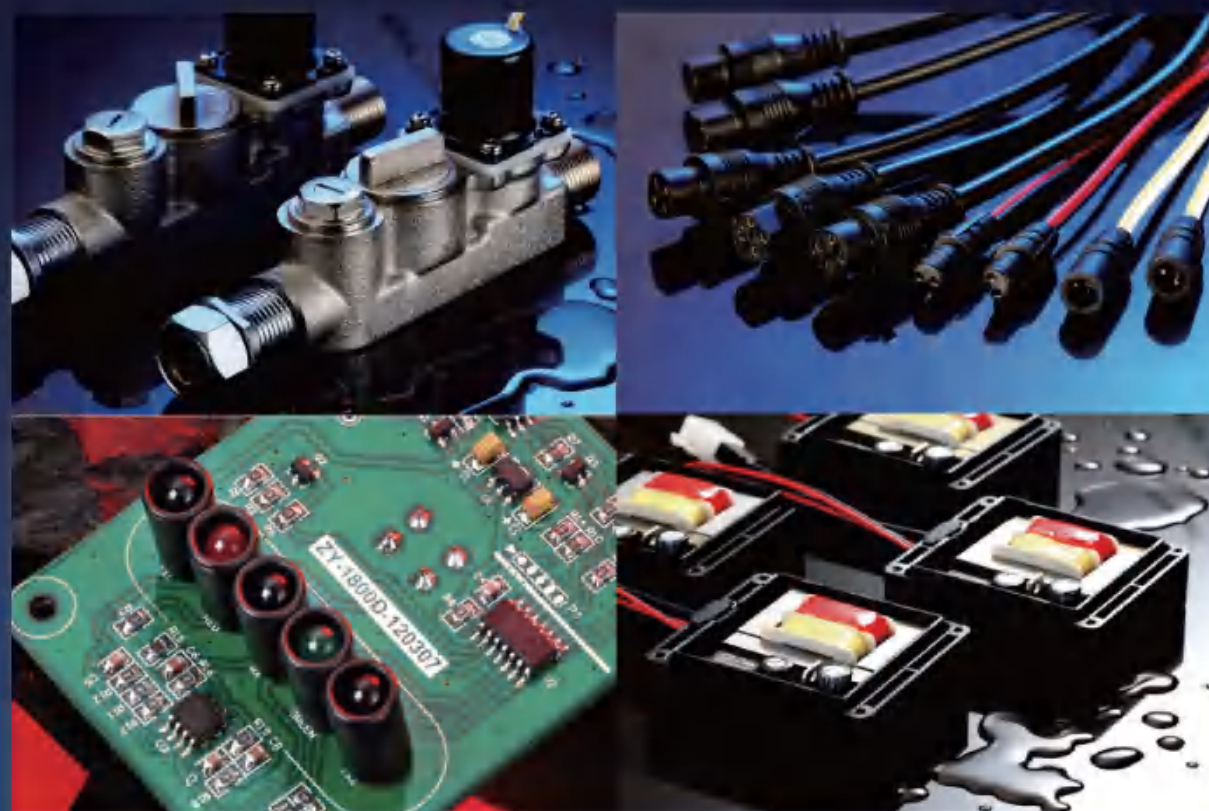
稳定可靠的电源系统是智能厨卫系统的动力来源，为此展鹰研究开发了宽电压，低能耗，高性能的开关电源，交直流自动切换，并给予全防水工艺。同时设计了多款防水性能优良的电池盒，为整个系统提供了稳定、可靠、持久的动力。

Mains Servo System

A stable and reliable power servo system is the power source for the entire intelligent kitchen and bath system. Therefore, Geagle has researched and developed a high-performance switch power supply with wide voltage range, low energy consumption, and automatic switching between AC and DC, using a fully waterproof process. At the same time, they have designed multiple waterproof DC battery boxes, providing stable, reliable, and long-lasting power for the entire system.

Four Core Technologies of Intelligent Kitchen and Bath

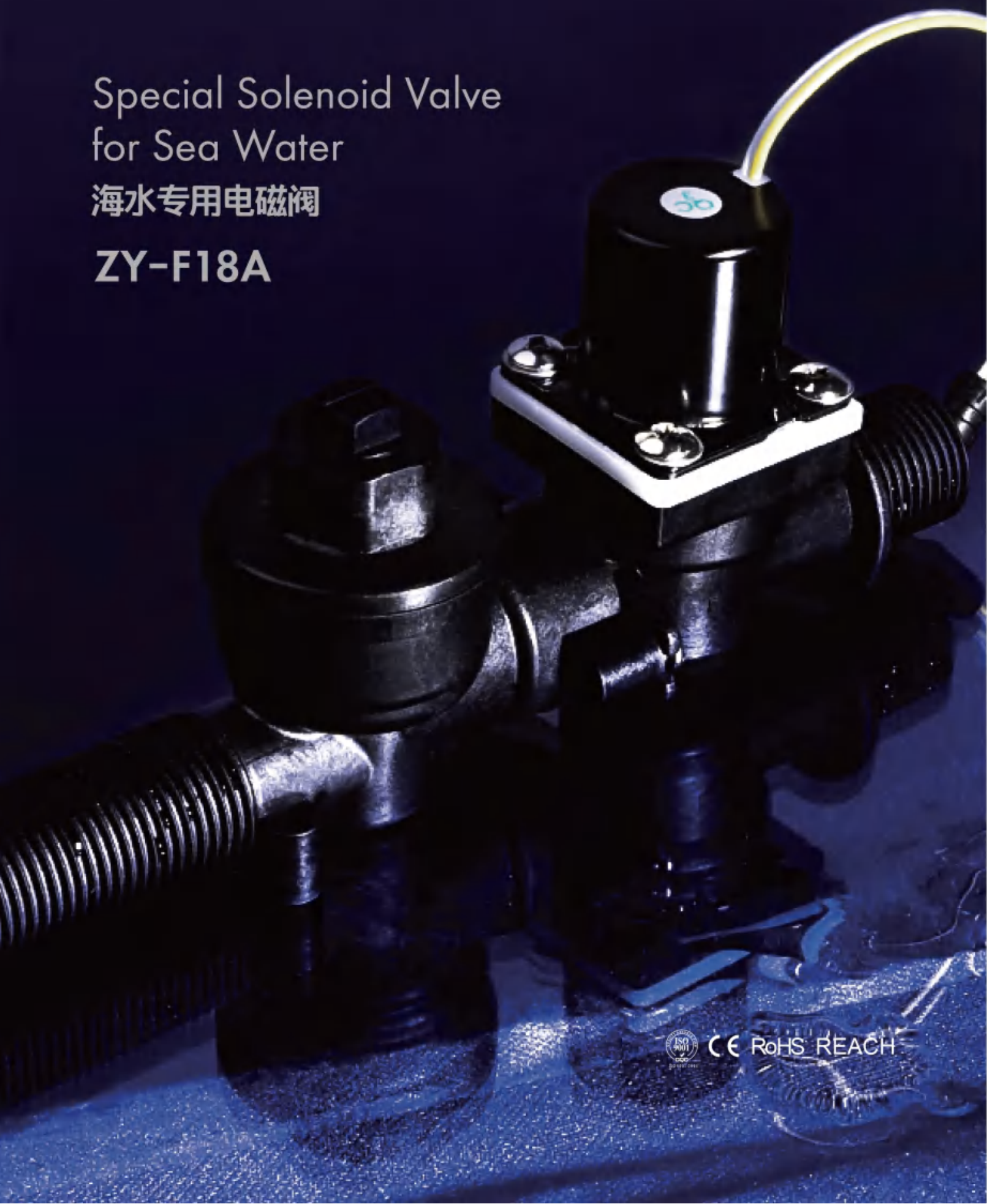
智能厨卫四大核心技术



CE RoHS REACH

Special Solenoid Valve for Sea Water 海水专用电磁阀

ZY-F18A



四大核心部件·电磁阀系列

Four Core Components • Solenoid Valve Series

技术参数:

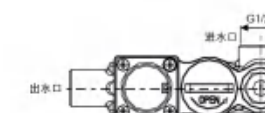
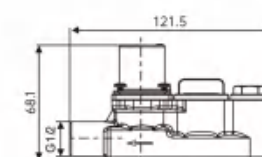
- 额定电压: DC 6V
- 线圈电阻: 12Ω , 18Ω , $26\Omega \pm 1\%$ (20℃时)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms—30ms
- 工作压力: 0.05Mpa—0.8Mpa
- 介质温度: 0.1℃—70℃(根据用户需要设定)
- 响应时间: 开 $\leq 0.15s$ 关 $\leq 0.5s$
- 电气强度: 能承受AC600V电压, 1min不击穿和闪络现象
- 流量性能: $0.05\text{Mpa} > 5\text{L/min}$ $0.3\text{Mpa} > 15\text{L/min}$ $0.8\text{Mpa} > 28\text{L/min}$
- 使用寿命: > 50 万次

TECHNICAL PARAMETERS

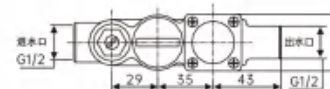
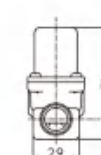
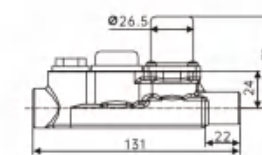
- **Rated Voltage:** DC 6V
- **Coil Resistance:** 12Ω, 18Ω, 26Ω±1Ω (At 20℃)
- **Switching Method:** DC Pulse
- **Pulse Width:** 10ms-30ms
- **Working Pressure:** 0.05Mpa-0.8Mpa
- **Medium Temperature:** 0.1-70℃ (set according to user's requirement)
- **Response time:** open≤0.15s close≤0.5s
- **Electrical Strength:** capable of withstanding AC600V voltage, without breakdown or flickering phenomenon for 1 minute.
- **Flow Capability:** 0.05Mpa≥5L/min 0.3Mpa≥15L/min 0.8Mpa≥28L/min
- **Working Life:** more than 500,000 cycles



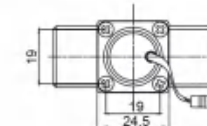
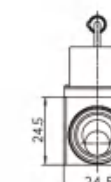
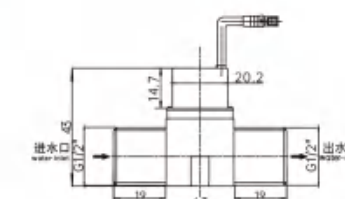
ZY-F01A



ZY-F03A



ZY-F07BSL91



ISO 9001 CE RoHS REACH

四大核心部件·电磁阀系列

Four Core Components • Solenoid Valve Series

技术参数:

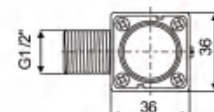
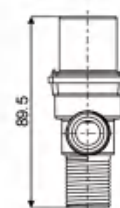
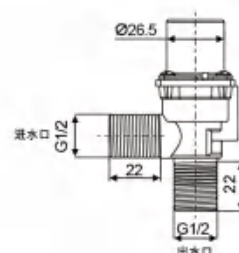
- 额定电压: DC 6V
- 线圈电阻: 12 Ω , 18 Ω , 26 $\Omega \pm 1 \Omega$ (20°C时)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 介质温度: 0.1°C-70°C (根据用户需要设定)
- 响应时间: 开 $\leq 0.15s$ 关 $\leq 0.5s$
- 电气强度: 能承受AC600V电压, 1min不击穿和闪络现象
- 流量性能: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$
- 使用寿命: ≥ 50 万次

TECHNICAL PARAMETERS

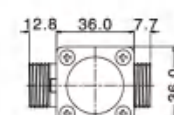
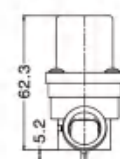
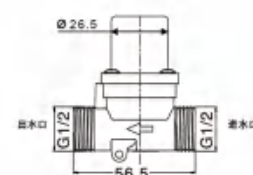
- Rated Voltage: DC 6V
- Coil Resistance: 12 Ω , 18 Ω , 26 $\Omega \pm 1 \Omega$ (At 20°C)
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Working Pressure: 0.05Mpa-0.8Mpa
- Medium Temperature: 0.1-70°C (set according to user's requirement)
- Response time: open $\leq 0.15s$ close $\leq 0.5s$
- Electrical Strength: capable of withstanding AC600V voltage, without breakdown or flickering phenomenon for 1 minute.
- Flow Capability: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$
- Working Life: more than 500,000 cycles



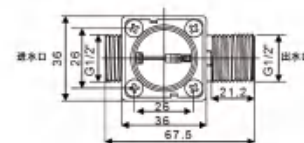
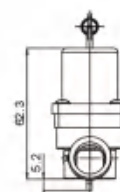
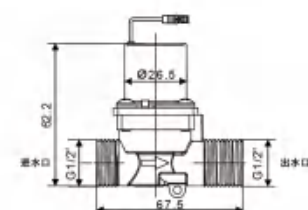
ZY-F09A



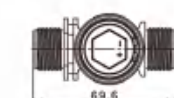
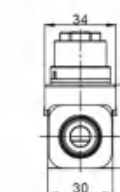
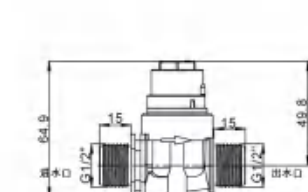
ZY-F09C



ZY-F09B

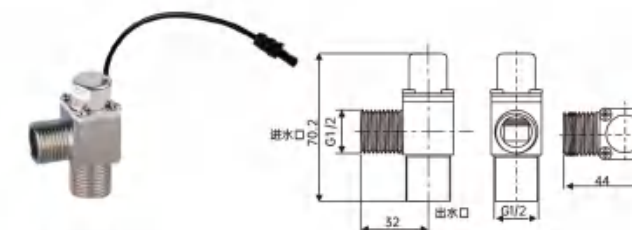


ZY-F100



四大核心部件·电磁阀系列

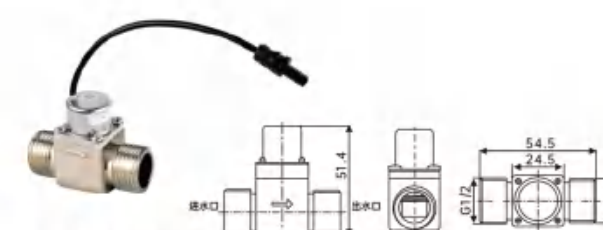
Four Core Components • Solenoid Valve Series



ZY-F07A

技术参数:

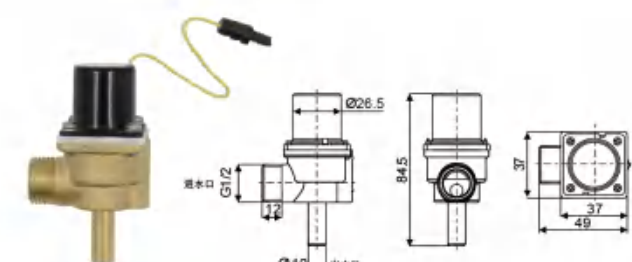
- 额定电压: DC 6V
- 线圈电阻: 12 Ω , 18 Ω , 26 $\Omega \pm 1 \Omega$ (20°C时)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 介质温度: 0.1°C-70°C (根据用户需要设定)
- 响应时间: 开 $\leq 0.15s$ 关 $\leq 0.5s$
- 电气强度: 能承受AC600V电压, 1min不击穿和闪络现象
- 流量性能: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$
- 使用寿命: ≥ 50 万次



ZY-F07B

TECHNICAL PARAMETERS

- Rated Voltage: DC 6V
- Coil Resistance: 12 Ω , 18 Ω , 26 $\Omega \pm 1 \Omega$ (At 20°C)
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Working Pressure: 0.05Mpa-0.8Mpa
- Medium Temperature: 0.1-70°C (set according to user's requirement)
- Response time: open $\leq 0.15s$ close $\leq 0.5s$
- Electrical Strength: capable of withstanding AC600V voltage, without breakdown or flickering phenomenon for 1 minute.
- Flow Capability: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$
- Working Life: more than 500,000 cycles



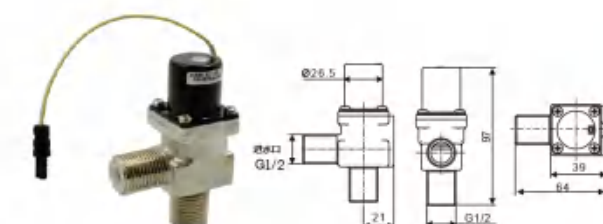
ZY-F13A

技术参数

- 额定电压: DC 6V
- 线圈电阻: 12 Ω , 18 Ω , 26 $\Omega \pm 1 \Omega$ (20°C时)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 介质温度: 0.1°C-70°C (根据用户需要设定)
- 响应时间: 开 $\leq 0.15s$ 关 $\leq 0.5s$
- 流量性能: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$

TECHNICAL PARAMETERS

- Rated Voltage: DC 6V
- Coil Resistance: 12 Ω , 18 Ω , 26 $\Omega \pm 1 \Omega$ (At 20°C)
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Working Pressure: 0.05Mpa-0.8Mpa
- Medium Temperature: 0.1-70°C (set according to user's requirement)
- Response time: open $\leq 0.15s$ close $\leq 0.5s$
- Flow Capability: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$



ZY-F05A

技术参数

- 额定电压: DC 6V
- 线圈电阻: 12 Ω , 18 Ω , 26 $\Omega \pm 1 \Omega$ (20°C时)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 介质温度: 0.1°C-70°C (根据用户需要设定)
- 响应时间: 开 $\leq 0.15s$ 关 $\leq 0.5s$
- 流量性能: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$

TECHNICAL PARAMETERS

- Rated Voltage: DC 6V
- Coil Resistance: 12 Ω , 18 Ω , 26 $\Omega \pm 1 \Omega$ (At 20°C)
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Working Pressure: 0.05Mpa-0.8Mpa
- Medium Temperature: 0.1-70°C (set according to user's requirement)
- Response time: open $\leq 0.15s$ close $\leq 0.5s$
- Flow Capability: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$

四大核心部件·电磁阀系列

Four Core Components • Solenoid Valve Series

技术参数:

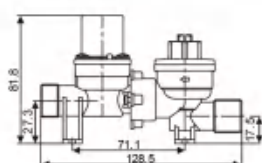
- 额定电压: DC 6V
- 线圈电阻: 12Ω , 18Ω , $26\Omega \pm 1\Omega$ (20℃时)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 介质温度: 0.1℃-70℃(根据用户需要设定)
- 响应时间: 开 $\leq 0.15s$ 关 $\leq 0.5s$
- 电气强度: 能承受AC600V电压, 1min不击穿和闪络现象
- 流量性能: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$
- 使用寿命: ≥ 50 万次

TECHNICAL PARAMETERS

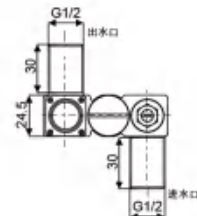
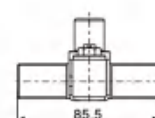
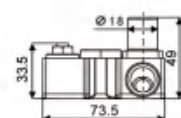
- Rated Voltage: DC 6V
- Coil Resistance: 12Ω , 18Ω , $26\Omega \pm 1\Omega$ (At 20℃)
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Working Pressure: 0.05Mpa-0.8Mpa
- Medium Temperature: 0.1-70℃ (set according to user's requirement)
- Response time: opens $\leq 0.15s$ closes $\leq 0.5s$
- Electrical Strength: capable of withstanding AC600V voltage, without breakdown or flickering phenomenon for 1 minute.
- Flow Capability: 0.05Mpa $\geq 5L/min$ 0.3Mpa $\geq 15L/min$ 0.8Mpa $\geq 28L/min$
- Working Life: more than 500,000 cycles



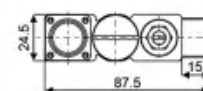
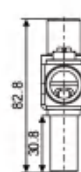
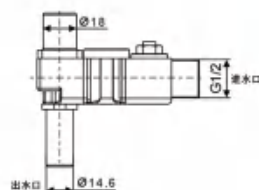
ZY-F18A



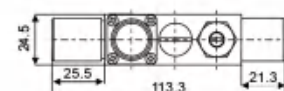
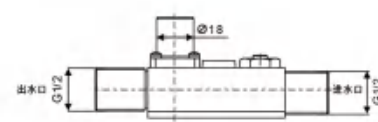
ZY-F30



ZY-F31



ZY-F20

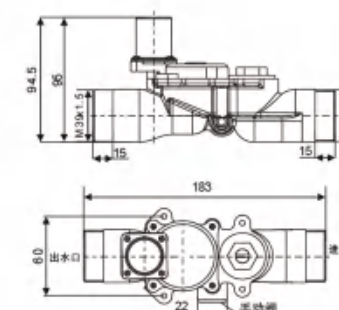


四大核心部件·电磁阀系列

Four Core Components • Solenoid Valve Series



ZY-F06B



技术参数:

- 额定电压: DC 6V
- 线圈电阻: $12\Omega \pm 1\Omega$ (20℃时)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 出水口径: $\phi 34$
- 带截止阀, 水量大小可调节
- 带手动开关功能

TECHNICAL PARAMETERS

- Rated Voltage: DC 6V
- Coil Resistance: $2\Omega \pm 1\Omega$ (At 20℃)
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Working Pressure: 0.05Mpa-0.8Mpa
- Outlet Diameter: $\phi 34$
- With stop valve, water flow adjustable
- With manual button

技术参数:

- 额定电压: DC 6V
- 线圈电阻: $12\Omega \pm 1\Omega$ (20℃时)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 出水口径: $\phi 34$
- 带截止阀, 水量大小可调节
- 带手动开关功能

TECHNICAL PARAMETERS

- Rated Voltage: DC 6V
- Coil Resistance: $2\Omega \pm 1\Omega$ (At 20℃)
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Working Pressure: 0.05Mpa-0.8Mpa
- Outlet Diameter: $\phi 34$
- With stop valve, water flow adjustable
- With manual button

技术参数:

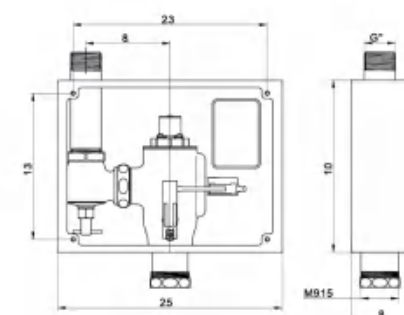
- 额定电压: DC 6V
- 线圈电阻: $2\Omega \pm 1\Omega$ (20℃时)
- 开关形式: 通断式 直流脉冲式
- 工作压力: 0.1Mpa-0.8Mpa
- 介质温度: 0.1℃-60℃(根据用户需要设定)
- 出水口径: $\phi 34$
- 带截止阀, 水量大小可调节
- 带手动开关功能

TECHNICAL PARAMETERS

- Rated Voltage: DC 6V
- Coil Resistance: $2\Omega \pm 1\Omega$ (At 20℃)
- Switching Method: DC on off type system /DC Pulse
- Working Pressure: 0.1Mpa-0.8Mpa
- Medium temperature: 0.1℃~60℃ (set according to user's requirement)
- Outlet Diameter: $\phi 34$
- With stop valve, water flow adjustable
- With manual button



ZY-F3702



四大核心部件·电磁阀头系列

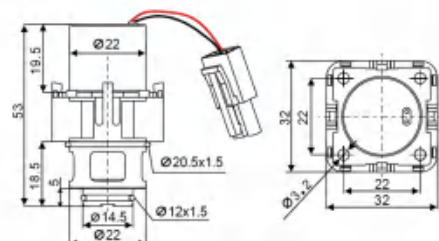
Four Core Components • Solenoid Valve Head Series



ZY-B200

双稳态脉冲阀头

Bi-stable pulse valve head



技术参数:

- 额定电压: DC 6V
- 线圈电阻: $12\Omega \pm 1\Omega$ (At 20°C)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 工作介质: 水或无腐蚀性液体
- 使用寿命: ≥ 50 万次

TECHNICAL PARAMETERS

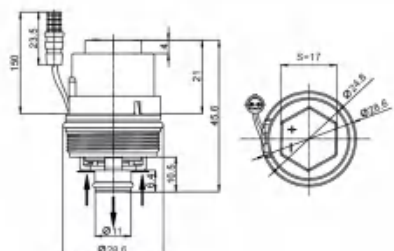
- Rated Voltage: DC 6V
- Coil Resistance: $12\Omega \pm 1\Omega$ (20°C temperature)
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Flow Capability: 0.05Mpa-0.8Mpa
- Working medium: clean water or non-corrosive liquid
- Working Life: more than 500,000 cycles



ZY-B100X

双稳态脉冲阀头

Bi-stable pulse valve head



技术参数:

- 额定电压: DC 6V
- 线圈电阻: $12\Omega \pm 1\Omega$ (At 20°C)
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 工作介质: 水或无腐蚀性液体
- 使用寿命: ≥ 50 万次

TECHNICAL PARAMETERS

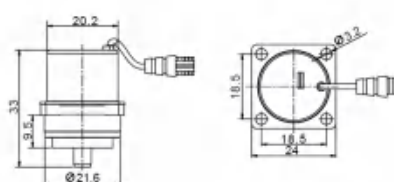
- Rated Voltage: DC 6V
- Coil Resistance: $12\Omega \pm 1\Omega$ (20°C temperature)
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Flow Capability: 0.05Mpa-0.8Mpa
- Working medium: clean water or non-corrosive liquid
- Working Life: more than 500,000 cycles



ZY-B091

双稳态脉冲阀头

Bi-stable pulse valve head



技术参数:

- 额定电压: DC 6V
- 线圈电阻: $12\Omega \pm 1\Omega$ (At 20°C)
- 开关形式: 直流脉冲式
- 工作压力: 0.05Mpa-0.8Mpa

TECHNICAL PARAMETERS

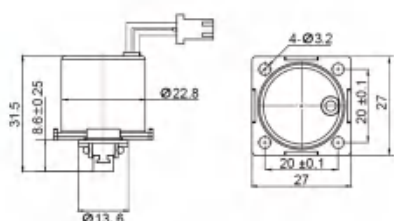
- Rated Voltage: DC 6V
- Coil Resistance: $12\Omega \pm 1\Omega$ (20°C temperature)
- Switching Method: DC Pulse
- Flow Capability: 0.05Mpa-0.8Mpa



ZY-B12

双稳态脉冲阀头

Bi-stable pulse valve head



技术参数:

- 额定电压: DC 6V (可定制)
- 线圈电阻: $18\Omega \pm 1\Omega$ (20°C时)
- 开关形式: 直流脉冲式
- 工作压力: 0.05Mpa-0.8Mpa

TECHNICAL PARAMETERS

- Rated Voltage: DC 6V (customizable)
- Coil Resistance: $18\Omega \pm 1\Omega$ (At 20°C temperature)
- Switching Method: DC Pulse
- Flow Capability: 0.05Mpa-0.8Mpa

四大核心部件·水龙头电磁阀组件

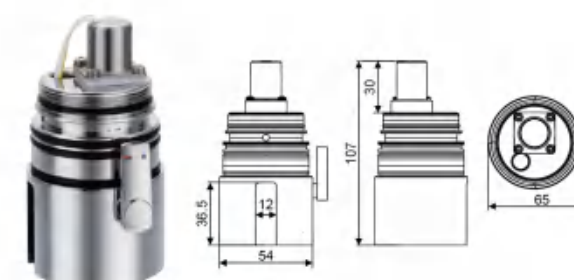
Four Core Components • Faucet Solenoid Valve Assembly

技术参数:

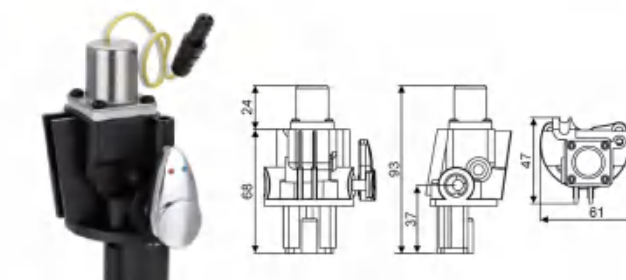
- 额定电压: DC 6V
- 开关形式: 直流脉冲式
- 脉冲宽度: 10ms-30ms
- 工作压力: 0.05Mpa-0.8Mpa
- 介质温度: 0.1°C-70°C (根据用户需要设定)
- 响应时间: 开 $\leq 0.15s$ 关 $\leq 0.5s$
- 电气强度: 能承受AC600V电压, 1min不击穿和闪烁现象
- 使用寿命: ≥ 50 万次

TECHNICAL PARAMETERS

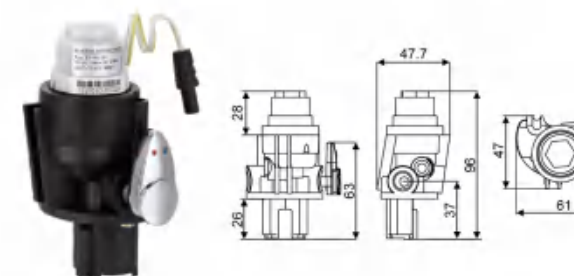
- Rated Voltage: DC 6V
- Switching Method: DC Pulse
- Pulse Width: 10ms-30ms
- Working Pressure: 0.05Mpa-0.8Mpa
- Medium Temperature: 0.1-70°C (set according to user's requirement)
- Response time: opens $\leq 0.15s$ closes $\leq 0.5s$
- Electrical Strength: capable of withstanding AC600V voltage, without breakdown or flickering phenomenon for 1 minute.
- Working Life: more than 500,000 cycles



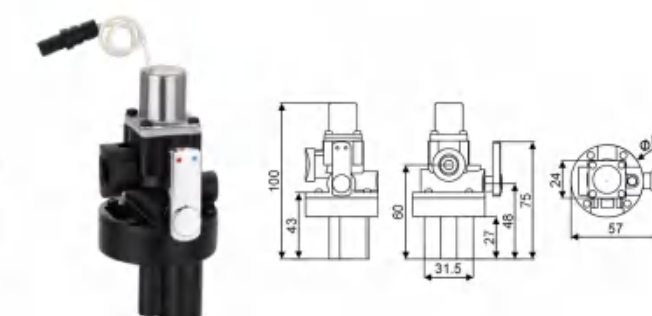
ZY-8800



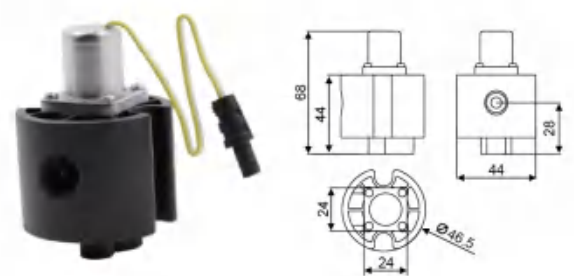
ZY-8901



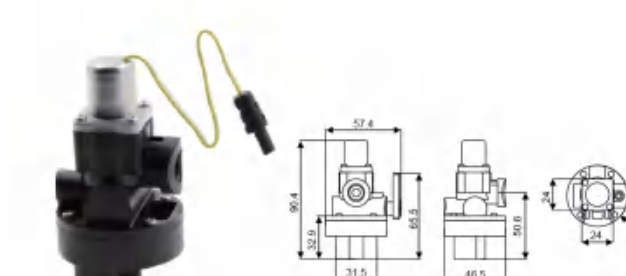
ZY-8902



ZY-8904



ZY-8905



ZY-8907

F628 B12

四大核心部件·电子马桶电磁阀系列

Four Core Components • Electronic Toilet Solenoid Valve Series

技术参数:

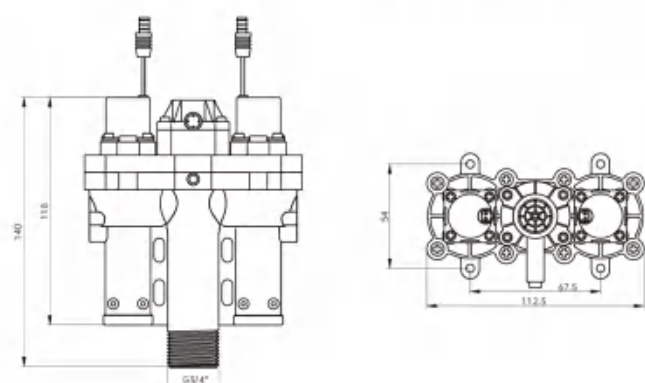
- 工作电压: DC 6V, (单稳态12V)
- 线圈电阻: $12\Omega \pm 1\Omega, 38\Omega \pm 3\Omega$ (20℃时)
- 开关形式: 直流脉冲式(通断式)
- 脉冲宽度: 20ms
- 工作压力: 0.05-0.8Mpa
- 流体温度: 0.1-70℃(根据用户需要设定)
- 工作介质: 水
- 阀体材质: POM(白色)
- 外壳耐腐蚀性: 酸性盐雾试验>96小时
- 标准流量测试装置: 0.09Mpa时 $\geq 17.8\text{L/min}$

TECHNICAL PARAMETERS

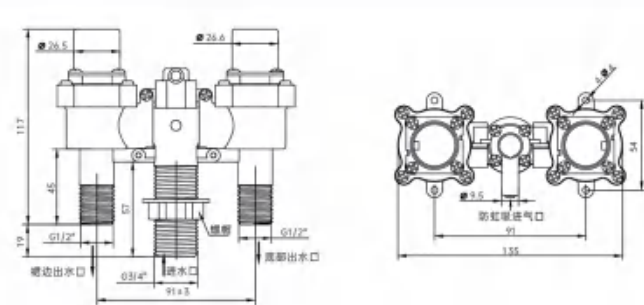
- Working Voltage: DC 6V, (Monostable 12V)
- Coil Resistance: $12\Omega \pm 1\Omega, 38\Omega \pm 3\Omega$ (At 20℃ temperature)
- Switching Method: DC Pulse(On-Off)
- Pulse Width: 20ms
- Working Pressure: 0.05-0.8Mpa
- Fluid Temperature: 0.1-70℃ (set according to user's requirement)
- Working Medium: water
- Valve Body Material: POM(white)
- Corrosion Resistance of Outer Shell: Acidic Salt Spray Test>96hrs
- Standard Flow Testing Device: 0.09Mpa $\geq 17.8\text{L/min}$



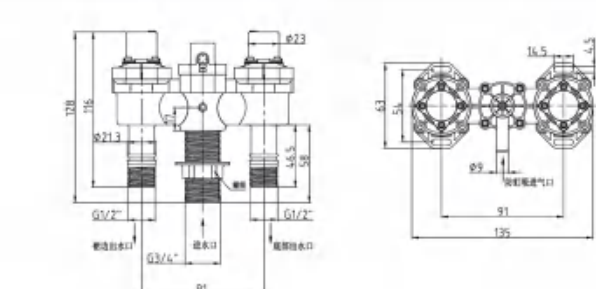
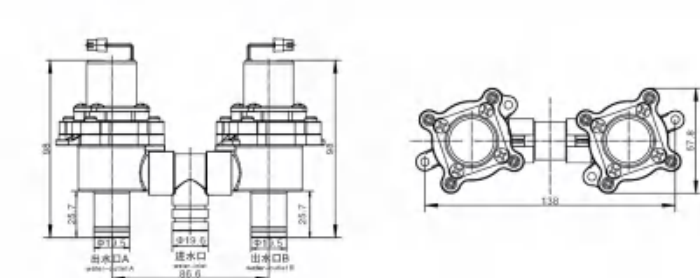
ZY-FJ20



ZY-F68



ZY-F29



触摸式电子马桶冲水系统 KMT100/KMT100SK

Touch Electronic Toilet Flushing System KMT100/KMT100SK

电磁阀组件

Solenoid Valve Assembly



FMT628



DC5E电池盒
DC5E Battery Box



触摸控制器
Touch Controller



脚踢控制器
Kick Controller

工作特点

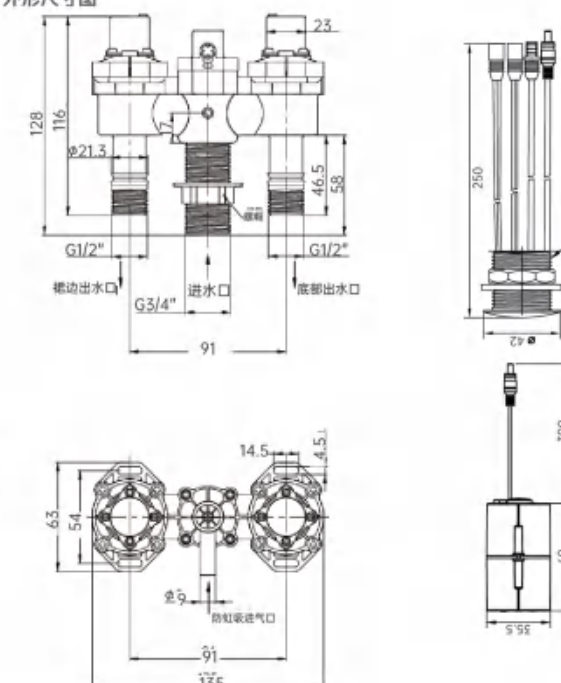
MT100触摸控制器技术参数

MT100 Technical Parameters of Touch Controller

输入电压 Input Voltage	6V	功耗 Power Consumption	静态工作电流 $\leq 30\mu\text{A}$ Static Operating Current
外壳耐腐蚀性 Corrosion Resistance of the Housing	酸性盐雾试验 Acid Salt Spray Test		
基本工作流程 Basic Operating Procedure	用手触摸后→开启裙边冲洗阀→T1后关闭裙边冲洗阀→开启底部冲洗阀→T2后关闭底部冲洗阀→开启裙边冲洗阀→T3后关闭裙边冲洗阀 After touching with hand, open the skirt flushing valve, close the skirt flushing valve after T1, open the bottom flushing valve, close the bottom flushing valve after T2, open the skirt flushing valve, close the skirt flushing valve after T3.		



外形尺寸图

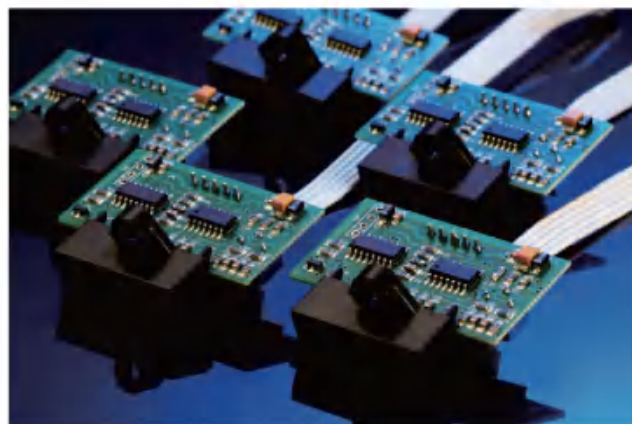
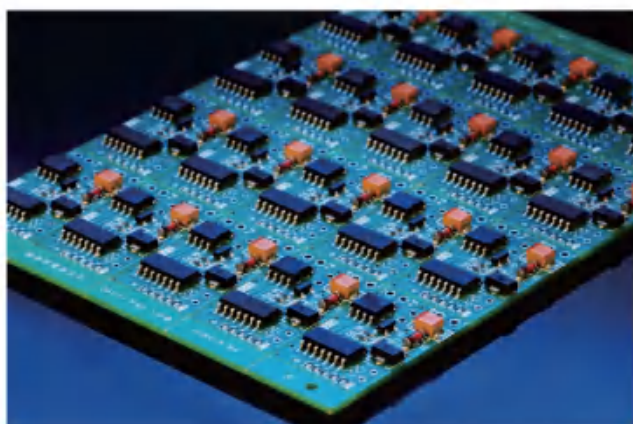


四大核心部件电子感应控制器

Four Core Components Electronic Induction Sensor

电子感应控制器是智能厨卫最核心，最易损坏的部件之一。展鹰为了确保该环节的产品性能安全可靠，从电路设计到SMT加工，从硬件选择到软件开发，从制作到检测的各个环节层层把控，严格把关，使产品具有功耗静态，红外感应灵敏，抗干扰能力强，防水密封程度高等特点。

The electronic induction controller is one of the most essential and vulnerable components in intelligent kitchen and bath products. In order to ensure the safety and reliability of this link, Geagle has set up a dedicated electronic R&D department, which controls every link from circuit design to SMT processing, from hardware selection to software development, from production to testing, strictly ensuring product performance. The product has features such as low power consumption, sensitive infrared induction, strong anti-interference ability, and high waterproof sealing degree.



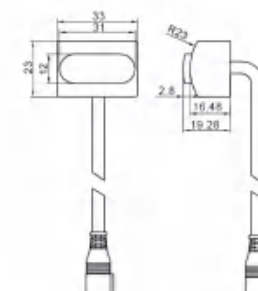
四大核心部件·电子感应控制器

Four Core Components • Electronic Induction Controller

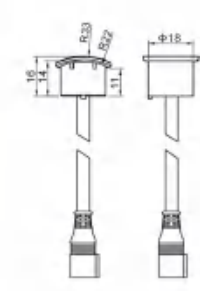
龙头控制器 Faucet Sensor



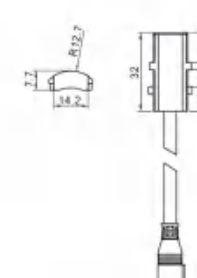
ZY-K8115



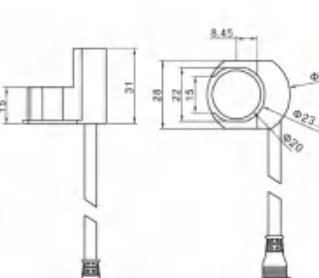
ZY-K8117



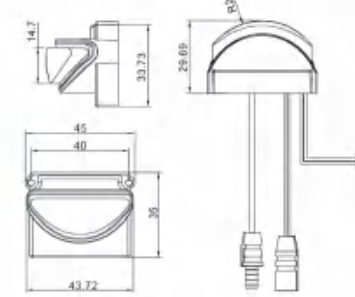
ZY-K8131



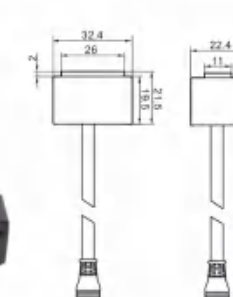
ZY-K8110



ZY-K8901



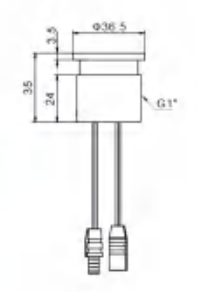
ZY-K8178



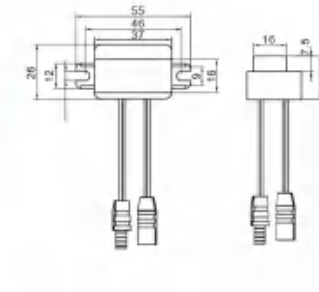
小冲控制器 Urinal Flusher Sensor



ZY-K120



ZY-K110/ZY-K130



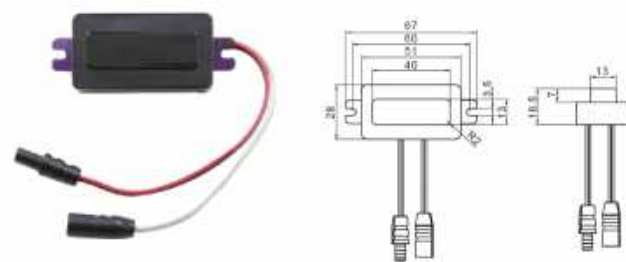
四大核心部件·电子感应控制器

Four Core Components • Electronic Induction Sensor

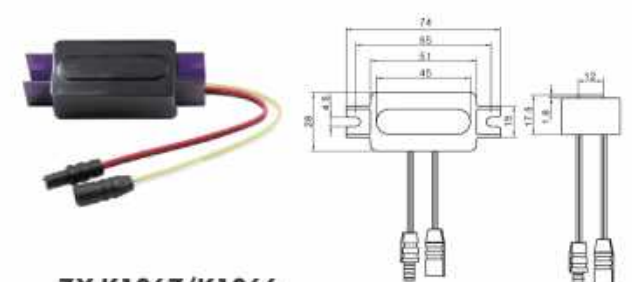
小冲控制器 Urinal Flusher Sensor



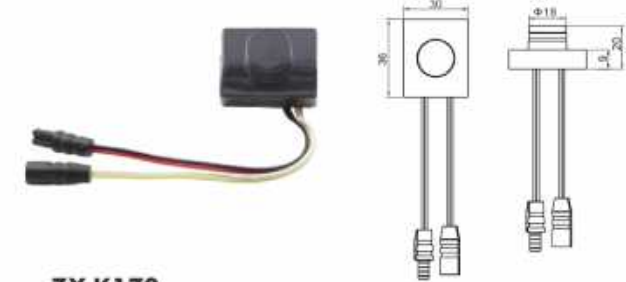
ZY-K160



ZY-K1033/K1044

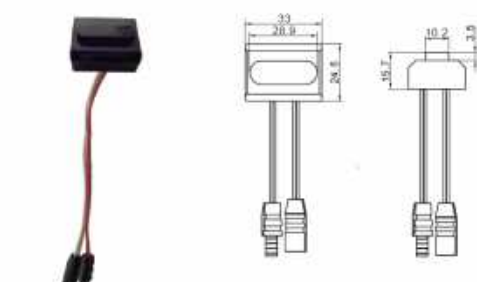


ZY-K1067/K1066

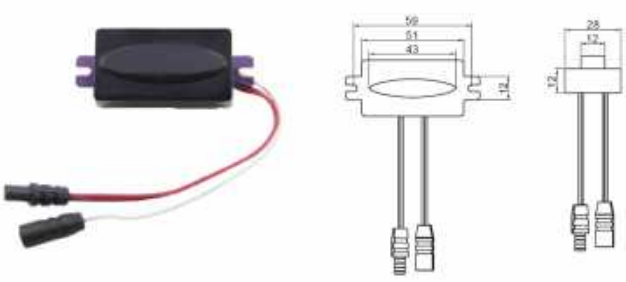


ZY-K170

大冲控制器 Toilet Flusher Sensor

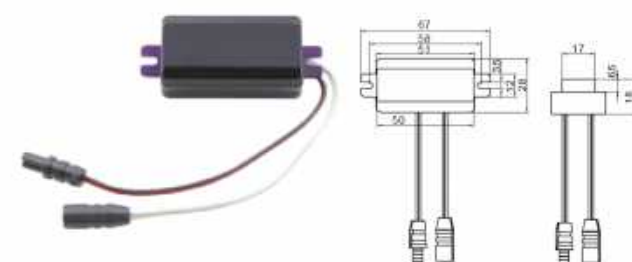


ZY-K3301YK



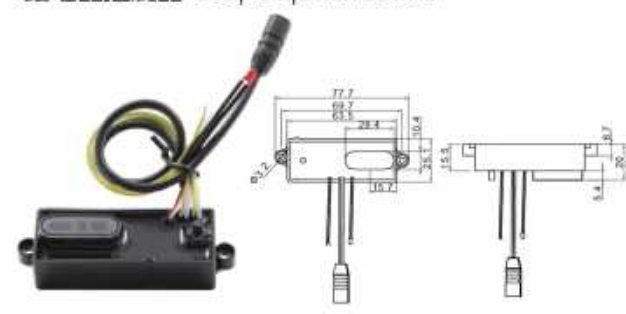
ZY-K3600D

大冲控制器 Toilet Flusher Sensor



ZY-K312

给皂器控制器 Soap Dispenser Sensor



ZY-K610

四大核心部件·电子感应控制器

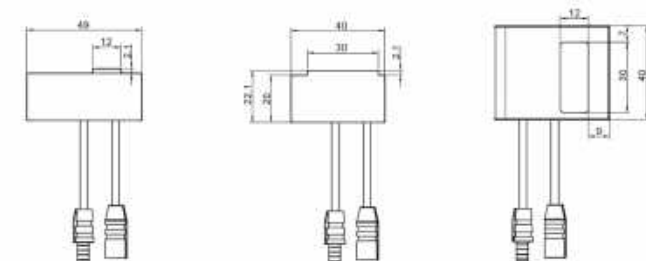
Four Core Components • Electronic Induction Sensor

遥控型感应龙头、冲便器控制器

Remote Control Type Sensor for Faucet or Flusher



K80001YKAM

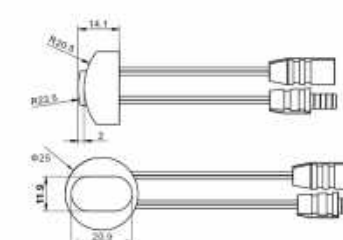


感应龙头控制器

Faucet Sensor



K8500

KG0001(遥控器)
ZY-YKAM(Remote-controller)

产品特点:

- 感应距离可调，每按一下调节距离加长或缩短1-5cm，调节时指示灯闪烁。
- 冲水时间可调，按一下时间加长或缩短1秒（设置范围1-15秒）。
- 按功能键可切换龙头，大冲和小冲等不同产品模式。

产品应用:

- 感应大冲控制器，感应龙头控制器，自动给皂器控制器。



PRODUCT FEATURES:

- Adjustable sensing distance, each press of the button increases or decreases the distance by 1-5cm, and the indicator light flashes during adjustment.
- Adjustable flushing time, each press of the button increases or decreases the time by 1 second (range: 1-15 seconds).
- Pressing the function key can switch between different product modes such as faucet, toilet flusher, and urinal flusher.

APPLICATIONS:

- Toilet flusher sensor, Automatic faucet sensor, Automatic soap dispenser sensor.

四大核心部件·防水连接线系列

Four Core Components • Water-proof Connecting Wire Series

实用新型专利

Utility Model Patent Certificate
ZL200820162610.1

卫生间的潮湿环境，对微电流的电子控制系统的防水要求极高。展鹰为解决这个困难，研发设计了防反插防水连接线，有效提高了整个控制系统的稳定性和可靠性，大大提高了智能厨卫产品的使用寿命。

The wet environment in the bathroom has extremely high waterproof requirements for the low-current electronic control system. In order to solve this difficulty, Geagle has developed and designed anti-reverse insertion and waterproof connectors, which effectively improve the stability and reliability of the entire control system, greatly improving the service life of intelligent kitchen and bath products.

产品主要技术参数

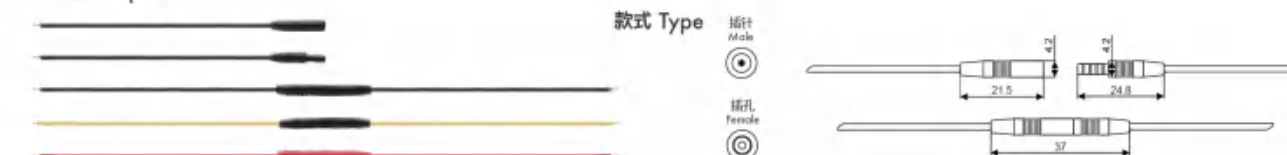
- 线材规格：平行线、包胶线、屏蔽线
- 芯数：1-6PIN
- 绝缘电阻：>500MΩ
- 线长：可选择的
- 绝缘体材质：PVC
- 插拔次数：>10000次
- 防水等级：IPX5
- 触点材料：碳青铜或铜镀金

TECHNICAL PARAMETERS

- Cable type: parallel wire, coated wire
- Water-proof grade: IPX5
- Pull-plug times: ≥10000 times
- Contactor material: carbon bronze or copper with gold-plating
- Insulation resistance: >500MΩ
- Insulator material: PVC
- Pinno: 1-6PCS
- Wire length: optional

ZY-C01

一芯 1 pin



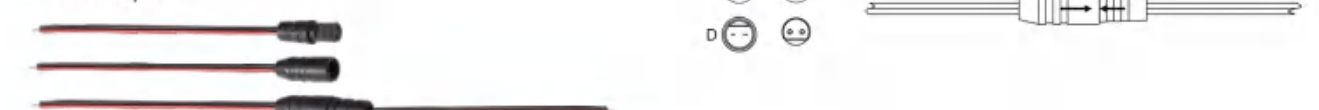
ZY-C02A

二芯 2 pins



ZY-C02C

二芯 2 pins



ZY-C03A

三芯 3 pins



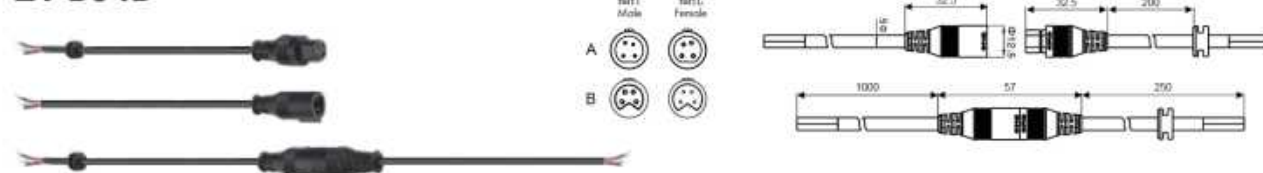
实用新型专利
Utility Model Patent Certificate
ZL200820162610.1



四大核心部件·防水连接线系列

Four Core Components • Water-proof Connecting Wire Series

ZY-C04 ZY-B04B



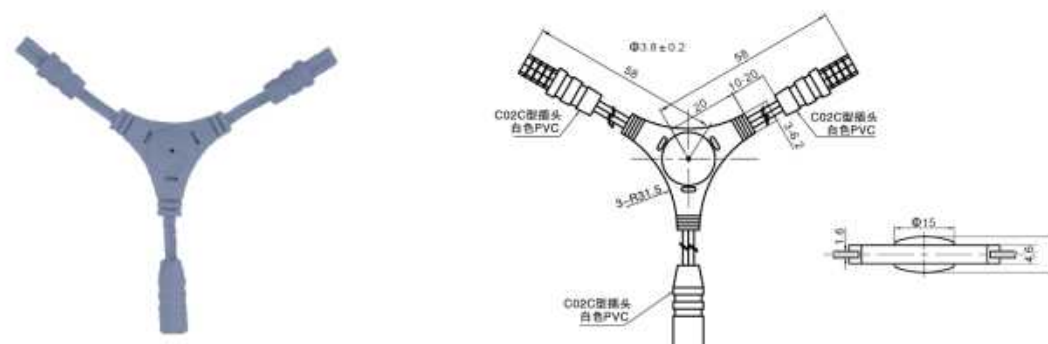
ZY-C05A



ZY-C06 六芯 6 pin



ZY-ST01 三通连接线



四大核心部件·防水连接线系列

Four Core Components • Water-proof Connecting Wire Series

ZY-Y04A

Y型电源连接线
Y shape power connecting cable



ZY-T2

两芯防反插连接线
2pins anti-reverse connecting cable



ZY-DCSJ

带锁紧防水对插线
Waterproof connecting cable with locknut



ZY-DC01

DC防水电源连接线
Connecting cable for waterproof DC power supply



四大核心部件·防水电源、防水电池盒系列

Four Core Components • Water-proof Power、Battery Box Series

稳定可靠的电源系统是整个智能厨卫系统的动力来源，为此展鹰研究开发了宽电压、低能耗、高性能的开关电源，交直流自动切换，并予全防水工艺。同时设计了多款防水电池盒，为整个系统提供了稳定、可靠、持久的动力。

A stable and reliable power servo system is the power source for the entire intelligent kitchen and bath system. Geagle has researched and developed a wide voltage, low energy consumption, and high-performance switching power supply, which can automatically switch between AC and DC power sources and is designed with a fully waterproof process. Variety of waterproof DC battery boxes have been designed to provide the entire system with stable, reliable, and long-lasting power.



DC5B型防水电池盒
DC5B Water-proof Battery Box
BATTERY
AAx4PCS



DC5C型防水电池盒
DC5C Water-proof Battery Box
BATTERY
AAx4PCS



DC7B型防水电池盒
DC7B Water-proof Battery Box
BATTERY
AAx4PCS



DC5D型防水电池盒
DC5D Water-proof Battery Box
BATTERY
AAx2PCS



DC5E型防水电池盒
DC5E Water-proof Battery Box
BATTERY
AAx4PCS



DC5EDC型防水电池盒
DC5EDC Water-proof Battery Box
BATTERY
AAx4PCS



DC5F型防水电池盒
DC5F Water-proof Battery Box
BATTERY
AAx4PCS



CR123A型锂电池盒
DC5EDC Lithium Battery Box
BATTERY
CR123x2PCS



WK03电源适配器
WK03 Power Adapter
POWER ADAPTOR
输入input:100-220V~50/60Hz
输出output:6V==1A



WKAD电源适配器
WKAD Power Adapter
POWER ADAPTOR
输入input:100-220V~50/60Hz
输出output:6V==1A



WK05电源适配器
WK05 Power Adapter
POWER ADAPTOR
输入input:100-220V~50/60Hz
输出output:6V==1A



WK06电源适配器
WK06 Power Adapter
POWER ADAPTOR
输入input:100-220V~50/60Hz
输出output:6V==1A



WKAD88电源适配器
WKAD88 Power Adapter
POWER ADAPTOR
输入input:100-220V~50/60Hz
输出output:6V==1A



WK07电源适配器
WK07 Power Adapter
POWER ADAPTOR
输入input:100-220V~50/60Hz
输出output:6V==1A



WK08电源适配器
WK08 Power Adapter
POWER ADAPTOR
输入input:100-220V~50/60Hz
输出output:6V==1A

蠕动泵系列

Peristaltic Pump series

蠕动泵是通过对弹性软管交替进行挤压和释放来泵送流体的动力元件，具有无污染精度高，密封性好等特点，可广泛应用于对水、电液、洗洁精等液体的自动输送和补给，成本低，安装使用方便。

Peristaltic pump is a power component that pumps fluid by alternately squeezing and releasing elastic hoses. It has the characteristics of high pollution-free accuracy and good sealing, and can be widely used for automatic transportation of liquids such as water, soap, and detergent. It has low cost and is easy to install.

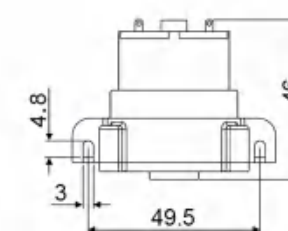
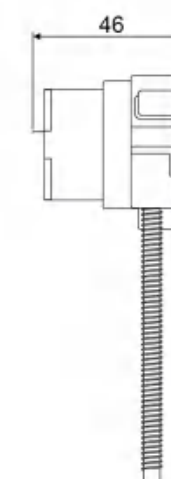
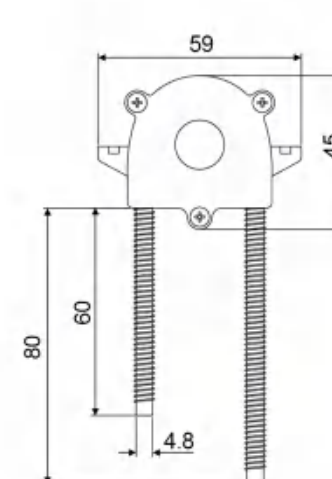
技术参数

- 适用电源: DC6V,7.5V,9V,12V
- 工作环境: 温度5-40℃, 相对湿度<80%
- 介质流向: 蠕动泵流向取决于电源正负极接法, 接线端可任意选择正负极。
- 流量范围: 0-120ml/min
- 转速范围: 0.1-300rpm
- 空载电流: 小于300mA
- 重量: 75g

TECHNICAL PARAMETERS

- Rated voltage: DC 6V,7.5V, 9V,12V
- Working enviroment: temp. 5-40℃, relative humidity < 80%
- Medium flow direction: dThe direction of flow for a peristaltic pump depends on the polarity of the power supply connection, and the positive and negative terminals can be arbitrarily selected for connection.
- Flow range: 0-120ml/min
- Rotating speed: 0.1-300rpm
- Weight: 75g/set

ZY-RDB001



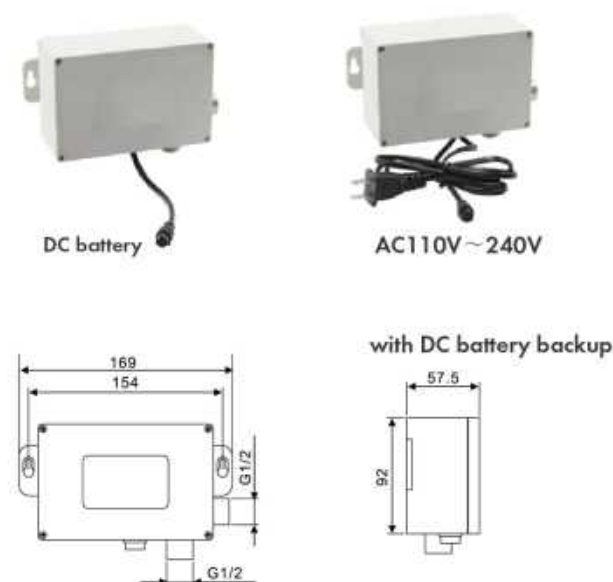
感应水龙头控制盒系列

Sensor Faucet Control Box Series

水龙头控制盒是分体式感应水龙头重要部件之一，内部包括电磁阀，防水电池盒，交流电源适配器，或交直两用电源适配器，零件之间都采用防水连接线连接，电子线路板采用防水工艺密封，交直两用控制盒可以实现交流供电和电池供电自动切换，性能稳定可靠，广泛适用于分体式感应水龙头(直流、交流和交直两用，可选)。

Control box is one of main parts of separated sensor faucet. It includes solenoid valve, waterproof battery case, AC adaptor or AC&DC combined adaptor. All the parts are connected by waterproof connectors, and the PCB board is sealed by waterproof technology. Powersupply is switched automatically between AC and DC when use the AC&DC combined control box it is reliable performance, widely used for separated control box, AC, DC AC&DC combined power supply are optional.

1号控制盒 #1 Controller Box



2号控制盒 #2 Controller Box



0号控制盒 #0 Controller Box



厨房龙头控制盒 Kitchen Faucet Controller Box



感应水龙头控制盒系列

Sensor Faucet Control Box Series

冷热可调温水龙头控制盒

Hot & Cold Faucet Controller Box



• 本产品采用一体化结构，将电磁阀和调温结构设计到阀体上实现冷热水调温，结构紧凑，经济实用，安装使用方便，可广泛应用于智能感应水龙头或其它需要冷热调温控水的设备。

• 适用电源DC: AA碱性电池4节 AC: 110V~240V, 50HZ-60HZ
DC/AC: 交直流自动转换

• 进水接口M10X1;出水接口G1/2

• 专利号: ZL202020212115.8 ZL202020212140.6

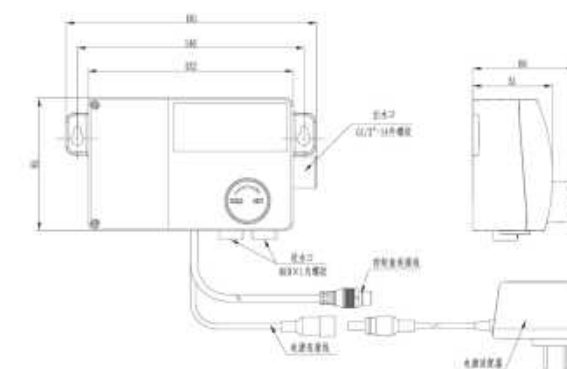
• This product adopts an integrated structure, the solenoid valve and temperature regulating structure are designed on the valve body to realize the temperature regulation of hot and cold water. It is compact in structure, economical and practical, and easy to install and use. It can be widely used in intelligent induction faucets or other equipment requiring temperature control of hot and cold water.

• Applicable Power Supply

DC: 4*AA batteries
AC: 110V-240V, 50HZ-60HZ
DC/AC: AC / DC Automatic Conversion

• Water Inlet: M10X1 Water Outlet: G1/2

• Patent No.: ZL2020202115.8 ZL202020212140.6



Sincere Cooperation Win-win Future

至诚合作，共赢未来

展鹰本着专业、专注、专心的经营理念，精心研制世界一流的智能厨卫核心部件，以为人类创造更加舒适的生活环境为己任，凭借多年来智能厨卫行业的经验积累，专业的研发优势，科学的管理体系，为厨卫行业提供智能化产品的研发、设计与服务，努力追求客户最大满意度，共赢美好未来！

Geagle adhering to the business philosophy of professionalism, concentration, and dedication, meticulously develops world-class intelligent core components for kitchen and bath. Our mission is to create a more comfortable living environment for humanity. With years of experience and accumulation in the intelligent kitchen and bath industry, Geagle provides research, development, design, and service of intelligent products. With professional research and development advantages and a scientific management system, Geagle strives to achieve the highest customer satisfaction and work towards a mutually beneficial and bright future!

努力成为世界一流的智能厨卫核心部件国际供应商！

Do our best to be world-class international supplier of core components for intelligent kitchen and bath !

