

## 多通水阀

### Electric Multi Way Coolant Valve



## 产品介绍 Product Description

多通水阀主要包含：电机、控制器、电路板及阀体结构。

The electric multi way coolant valve mainly includes: motor, controller, circuit board and valve body structure.

## 产品特征及优势 Feature and Benefits

- 采用直流微型电机，精准控制阀芯开度，从而精准控制流道流量。  
Using DC micro motor, the valve core opening is precisely controlled, so as to accurately control the flow of the flow channel.
- 产品自带位置反馈，电路短路、断路、过压、欠压等不良反馈。  
The product comes with position feedback, short circuit, open circuit, overvoltage, undervoltage and other bad feedback.
- 可定制的流通模式，并进行流道的切换。  
Customizable circulation mode and channel switching.
- 密封结构全新设计，保证产品低内漏。  
Newly designed sealing structure ensures low internal leakage of the product.

## 产品应用 Product Application

- 切换不同管路。  
Switch between different pipelines.
- 多模式设计，减少能源的消耗。  
Multiple circulation mode designs to reduce energy consumption.

## 操作 Operation

### 基本原理 Basic Principle

实现五通及以上，多模式的冷却液流道切换。

Realize multi-mode switching of coolant flow channels with five or more pipe openings.

### 包装选项 Packaging Options

可提供定制包装以满足任何需要，请联系KESENS技术部了解详情。

Custom packaging can be provided to meet any need, please contact KESENS Engineering for details.

技术参数 Technical Characteristics

项目ITEMS	参数PARAMETER
通讯方式 Communication Method	LIN/PWM
工作电压 Operating Voltage	DC 9~16V
环境温度 Ambient Temperature	-40℃~120℃
工作温度 Temperature Range	-40℃~115℃
爆破压力 Burst Pressure	> 800kPa
最大工作压力 Max Working Pressure	500kPa
切换时间 Switch Time	≤10s
外漏 External Leakage	≤2mL/min@300kPa (air)
防护等级 Degree Of Protection	IP6K9K
寿命次数 Lifetimes	>200k cycles

可根据客户需求定制产品，如有需求请联系我们。  
Customized products available upon request. Contact us for details.

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