天康集团

UQK-50系列浮球液位开关

UQK-50 Series float ball level switch

产品概述

Product Overview

UQK-50系列浮球液位开关是一种结构简单、使用方便、安全可靠的液位控制器。它比一般机械开关速度快、工作寿命长；与电子开关相比，它又有抗负载冲击能力强的特点,一只产品可以实现多点控制。其在造船、造纸、印刷、发电机设备、石油化工、食品工业、水处理、电工、染料工业、油压机械等方面都得到了广泛的应用。

The UQK-50 series float level switch is a simple, convenient, safe and reliable level controller. It has a faster speed and longer working life than ordinary mechanical switches; Compared with electronic switches, it also has strong resistance to load shock, and a single product can achieve multi-point control. It has been widely used in shipbuilding, papermaking, printing, generator equipment, petrochemical industry, food industry, water treatment, electrical engineering, dye industry, hydraulic machinery, and other fields.

产品原理

Product Principle

浮球液位开关的工作原理是在密闭的非导磁性管内安装有一个或多个干簧管，然后将此管穿过一个或多个中空且内部有环形磁铁的浮球，液体的上升或下降将带动浮球一起上下移动，从而使该非导磁性管内的干簧管产生吸合或断开的动作，从而输出一个开关信号。

The working principle of a float level switch is to install one or more dry reed tubes inside a closed non magnetic tube, and then pass this tube through one or more hollow floating balls with circular magnets inside. The rise or fall of the liquid will drive the floating balls to move up and down together, causing the dry reed tubes inside the non magnetic tube to engage or disconnect, thereby outputting a switch signal.

产品特点

Product Features

1、适用范围广、安装形式多样；
2、多点控制；
3、无源器件，性能稳定可靠，抗干扰能力强，结构简单，安装方便，维护费用低；
4、多种材质可以选择，适合多种场合使用。

1. Wide application range and diverse installation forms;
2. Multi point control;
3. Passive device, stable and reliable performance, strong anti-interference ability, simple structure, easy installation, and low maintenance cost;
4. Multiple materials can be selected, suitable for various occasions.

产品信息

Product Information

UQK-50	测量精度：±10mm 触点容量：250VAC/1A 工作温度：-30~150℃ 工作压力：≤2.5MPa 材质：304、316L、304+PTFE、316L+PTFE等 连接方式：螺纹/法兰	Measurement Accuracy: ±10mm Contact Capacity: 250VAC/1A Operating Temperature: -30~150℃ Operating Pressure: ≤2.5MPa Material: 304, 316L, etc. Connection Type: Thread/Flange

选型指南

Selection Handbook

UQK-50				
控制点数 Control Points				
单点 Single Point	1			
2点 Two Points	2			
3点 Three Points	3			
其他 Other	Z			
接液材质 Wetted Material				
304		1		
316L		2		
304+PTFE		3		
316L+PTFE		4		
其他材质 Other material		0		
电气接口 Electrical Entry				
M20*1.5			M	
1/2NPT			N	
特殊定制 Special customization			X	
防爆形式 Explosion Protection Type				
普通型 Ordinary Type				P
防爆型 Explosion-proof Type				D