

UQK-80 系列浮球液位开关

UQK-80 SERIES FLOAT LIQUID LEVEL SWITCH

概述 INTRODUCTION

UQK-80系列浮球液位开关适用于石油、化工、纺织印染、环保、民用建筑等各种敞口或密闭容器的液位控制和报警。仪表结构简单、安装方便、价格低廉，可用于各种介质的液位控制。仪表采用多个浮球来分别对多个控制点进行控制，使工作更可靠。

UQK-80 series float liquid level switches are suitable for level control or alarm of liquids in open or close vessels in the field of petroleum, chemical, textile printing and dyeing, environment protection and civil architecture etc.. Simple in structure, easy to install, low in cost, the switch can be used for level control of various liquids. Multi-floats are used to control different level points respectively, which makes it more reliable.

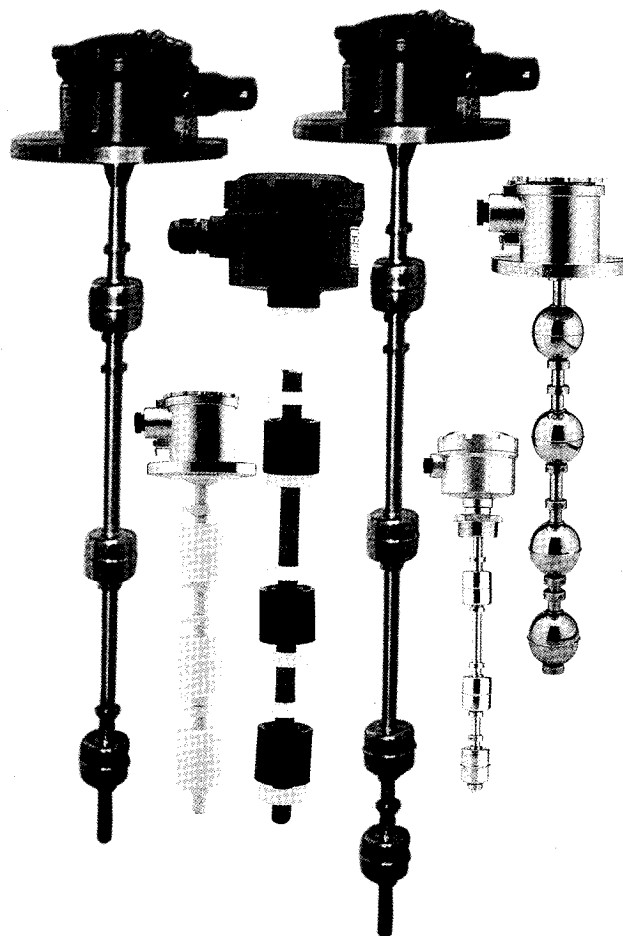
结构原理 STRUCTURE PRINCIPLE

随液体的液位上下浮动的浮子内部装有磁铁，检测导管内的干簧管受磁场的影响而分或合。

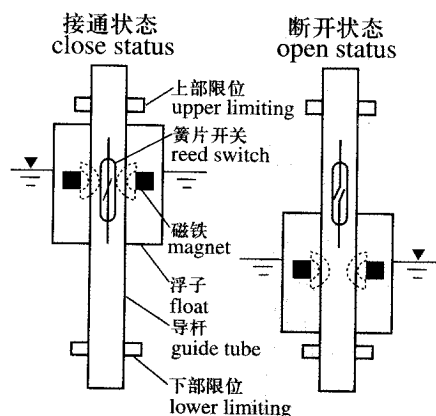
簧片开关与每一个预定测出或报警的液位是固定的，导杆又起着浮子导向的作用，浮子随导杆上下移动，簧片开关处于磁场中时接通，处于磁场外时呈断开状态。

The magnet is built in float that moving up and down with liquid level, and the dry reed switch in detecting tube opens or closes due to magnetic field.

The reed switches and each level point that is predetermined for control or alarm are fixed. And guide rod acts as guide of float so the floats move along guide rod. When reed switch is in magnetic field, the switch closes. Otherwise it is open.



结构原理图 STRUCTURE PRINCIPLE



主要技术参数

MAIN TECHNICAL PARAMETER

工作温度 operating temperature: $-30 \sim 160^{\circ}\text{C}$

工作压力 operating pressure: 0.4, 1.0, 2.5MPa

介质密度 medium specific gravity: $\geq 0.5\text{g}/\text{cm}^3$

触点容量 contact capacity: AC220V, 1A(阻性 resistive)
DC24V, 0.5A

接点寿命 contact life: 5×10^4 次

防爆标志 explosion-proof classification:

隔爆型 explosive proof type: d II BT4

本安型 intrinsically safe type: ib II CT4

电气接口 electrical joint: M20 \times 1.5 内螺纹 inner thread

过程连接 process connection: 法兰连接, DN100 或 DN80, DN50 凸面, 法兰标准 GH20592~20635-97, 其它法兰标准如 GB、HGJ、ANSI 等请用户注明。

Convex flange DN100 or DN50. Flange standard GH20592~20635-97, other on request.