液位开关 ··

Model Naming Rules 型号命名规则

EKR8 - 6   1   0   8   220

Design Serial Number
设计序号

Series 系列
Floatless Level Switch 液位开关

Knob Quantity 旋钮数量
0 = Without Knob(无旋钮)
1 = 1 Knob(1个旋钮)

Working Voltage工作电压
110 = AC110V
220 = AC220V
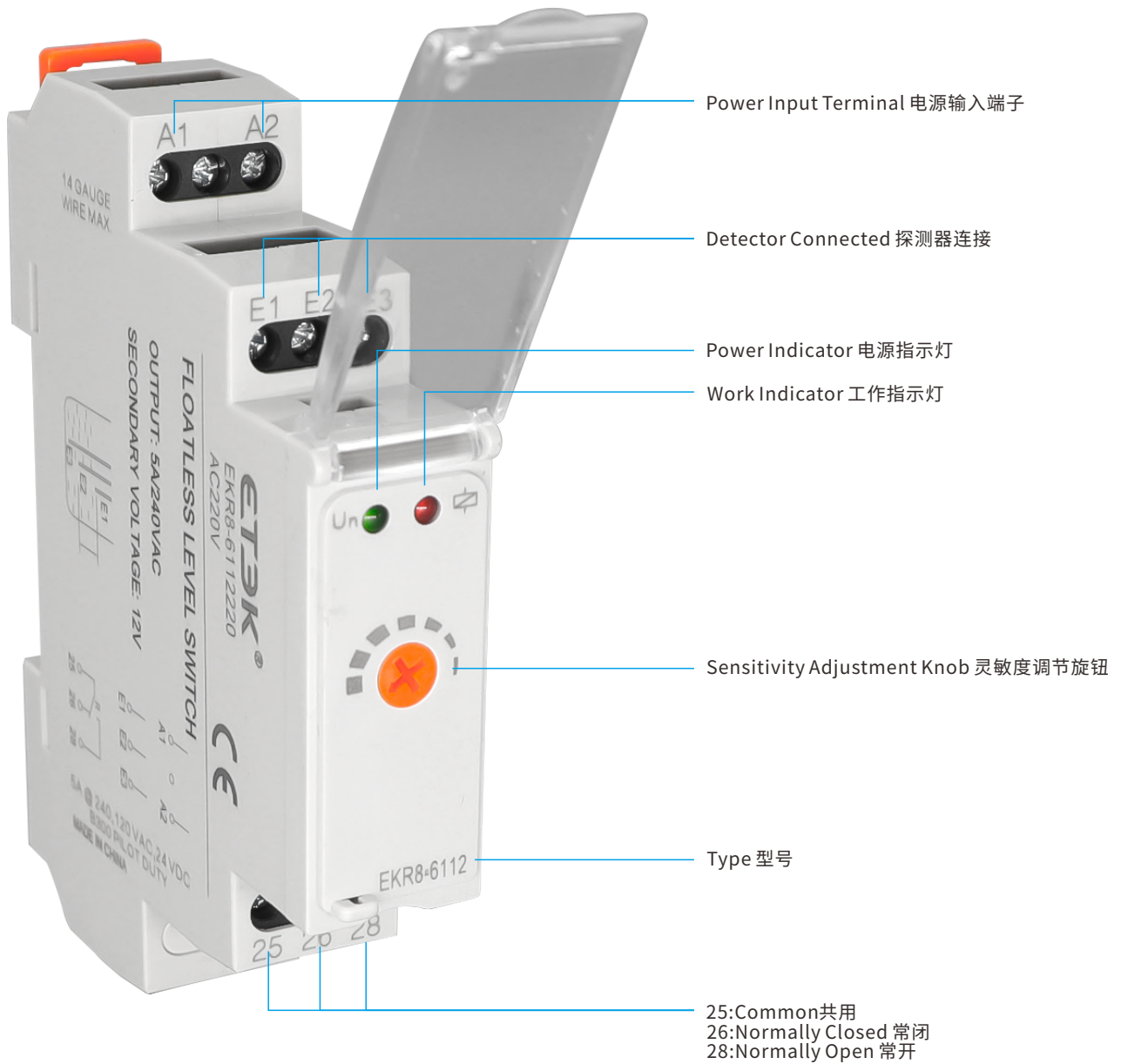
Output Voltage 输出电压
08 = 8V
12 = 12V
24 = 24V
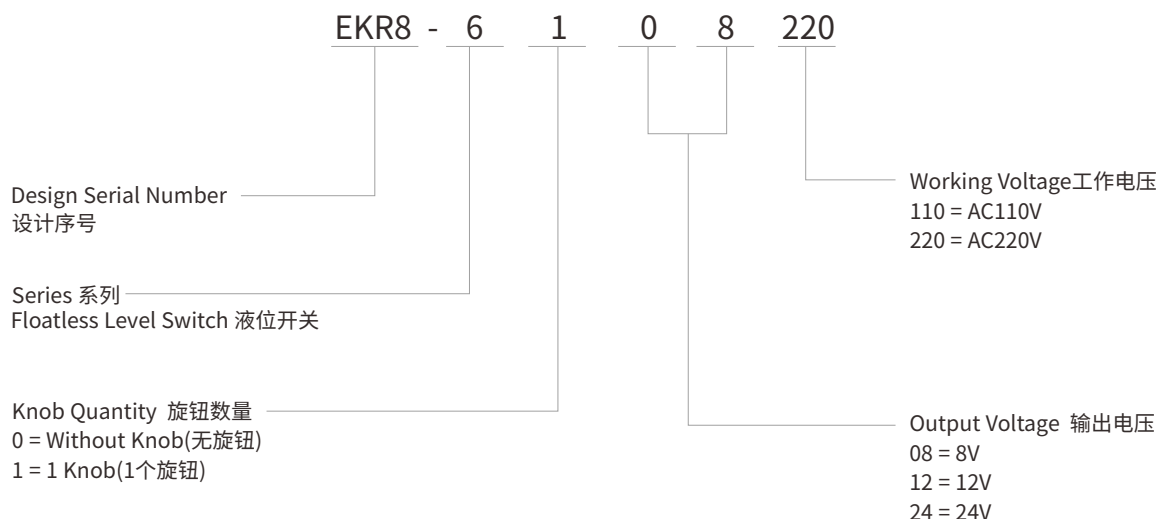
Function Parameters 功能参数

Type 型号	Sensitivity 灵敏度	Output Voltage 输出电压	Applicable Environment 适用环境
EKR8-6008	Low Sensitivity, Fixed 低灵敏度,固定式	8V	Used for liquid with low intrinsic resistance, such as salt water, sewage and Acid-baseliquid medicine. 盐水、污水、酸性药液、碱性药液等固有电阻低的液体
EKR8-6108	Low Sensitivity, Adjustable 低灵敏度,可调式		
EKR8-6012	Medium Sensitivity, Fixed 中灵敏度,固定式	12V	Used for normal purifed water and sewage. 一般的净水、污水
EKR8-6112	Medium Sensitivity, Adjustable 中灵敏度,可调式		
EKR8-6024	High Sensitivity, Fixed 高灵敏度,固定式	24V	Used for liquid with high intrinsic resistance, such as distilled water. 蒸馏水等固有电阻高的液体
EKR8-6124	High Sensitivity, Adjustable 高灵敏度,可调式		

Front view: function selector and regulators
前视图: 功能选择器和调节器

Power Input Terminal 电源输入端子

Detector Connected 探测器连接

Power Indicator 电源指示灯

Work Indicator 工作指示灯

Sensitivity Adjustment Knob 灵敏度调节旋钮

Type 型号

25:Common共用
26:Normally Closed 常闭
28:Normally Open 常开

Floatless Level Switch
液位开关

Floatless level switch is a kind of switch that controls the height of the liquid level in the container. It uses the conductivity of the liquid to turn on or off the contact output when the liquid level reaches a certain height, and automatically monitor run or stop of the water pump to achieve the purpose of controlling the amount of liquid in the container.

液位开关是一种控制容器内液体液面高低的开关,利用液体的导电性,在液面达到一定高度的时候,接通或者断开触点输出,自动监控水泵的运行或停止,来达到对容器内液体进行一个量的控制的目的。

Application: It is generally used in homes, industries, commercial places, public places and other places where automatic monitoring of water supply and drainage systems is required.

It has small size and complete specification.

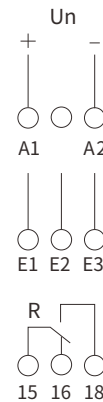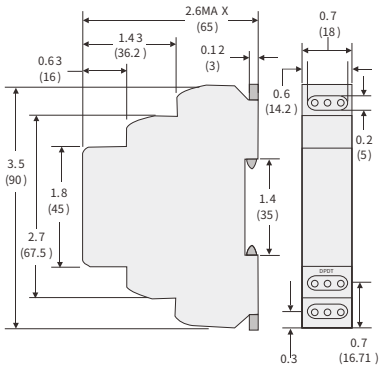It can be widely used in domestic water systems, sewage treatment systems, and special liquidsupply systems.

用途:一般用于家庭、工业、商用场所、公共场所等需要组建自动监控供水、排水系统地方,体积小巧,规格齐全,可以广泛应用于各种生活用水系统,污水处理系统,特殊液体供给系统。

EKR8-6 Series

CE RoHS

Technical Data 技术数据	EKR8-6008	EKR8-6108
Output Characteristics 输出特性	SPDT	SPDT
Rated Current 额定电流	5A	5A
Working Voltage 工作电压	AC110V,AC220V	
Output Voltage 输出电压	8V	
Applicable Environment 适用环境	Used for liquid with low intrinsic resistance,such as salt water, sewage and Acid-baseliquid medicine. 盐水、污水、酸性药液、碱性药液等固有电阻低的液体	

Dimensions外形尺寸图:in 英寸(mm 毫米)	Wiring Diagrams 接线图

2.6MA X (65)
1.43 (36.2)
0.63 (16)
0.12 (3)
0.7 (18)
0.6 (14.2)
0.2 (5)
3.5 (90)
1.8 (45)
1.4 (35)
2.7 (67.5)
0.7 (16.71)
0.3

Un
+ −
A1 A2
E1 E2 E3
R
15 16 18

EKR8-6008
EKR8-6108

EKR8-6 Series Floatless Level Switch

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液位开关

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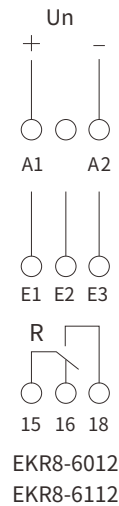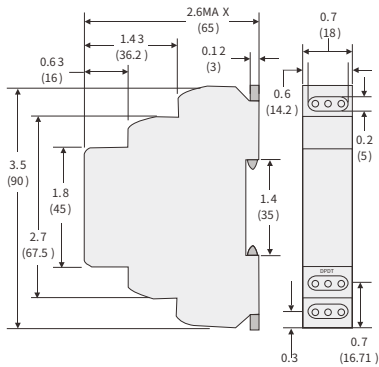
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EKR8-6 Series

CE RoHS

Technical Data 技术数据	EKR8-6012	EKR8-6112
Output Characteristics 输出特性	SPDT	SPDT
Rated Current 额定电流	5A	5A
Working Voltage 工作电压	AC110V,AC220V	
Output Voltage 输出电压	12V	
Applicable Environment 适用环境	Used for normal purifed water and sewage. 一般的净水、污水	

Dimensions外形尺寸图:in 英寸(mm 毫米)

Wiring Diagrams 接线图

Un
A1 A2
E1 E2 E3
R
15 16 18
EKR8-6012
EKR8-6112

EKR8-6 Series Floatless Level Switch

Floatless Level Switch
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EKR8-6 Series

| Technical Data 技术数据	EKR8-6024	EKR8-6124
Output Characteristics 输出特性	SPDT	SPDT
Rated Current 额定电流	5A	5A
Working Voltage工作电压	AC110V,AC220V	
Output Voltage 输出电压	24V	
Applicable Environment 适用环境	Used for liquid with high intrinsic resistance,such as distilled water. 蒸馏水等固有电阻高的液体	

Dimensions外形尺寸图:in 英寸(mm 毫米)

Wiring Diagrams 接线图

Un

A1 A2

E1 E2 E3

R

15 16 18

EKR8-6024
EKR8-6124

EKR8-6系列 Floatless Level Switch Wiring Diagrams 液位开关接线图
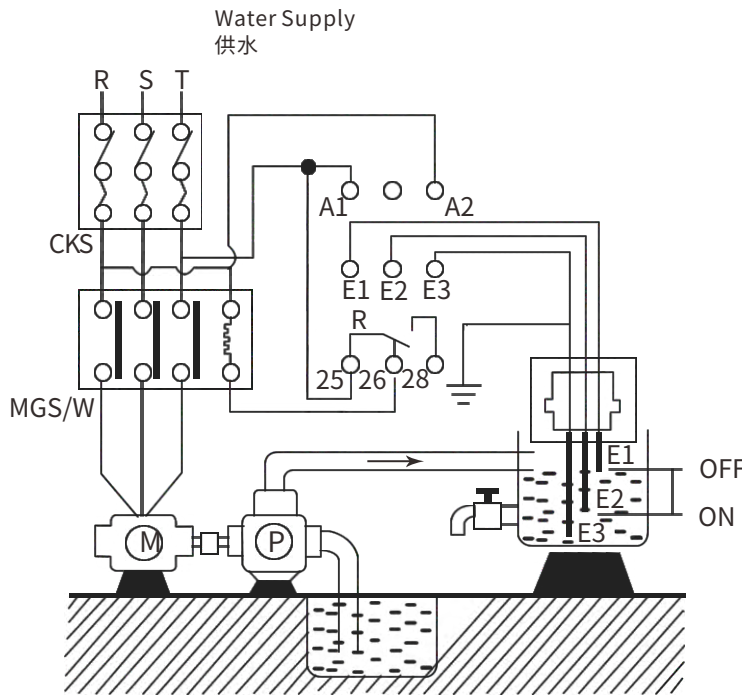
Water Supply
供水

Water Supply Wiring Diagram
供水接线图

When water level of tank reaches E1, pump stops working and stops the water intake; when water level drops below E2, pump runs automatically and water tank starts to enter water. When pump is running, the light is off.

当水箱水位达到E1时，水泵停止工作，

停止进水；当水位降到E2以下，水泵自

动运行，水箱开始进水，在水泵运行时，

灯处于熄灭状态。

Drain Off Water
排水
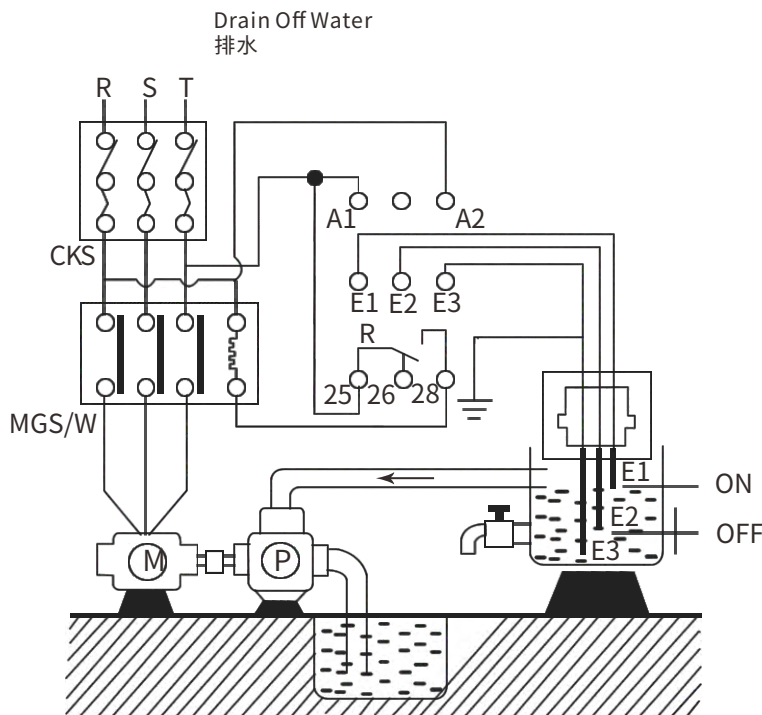
Drainage Wiring Diagram
排水接线图

When water level of tank reaches E1, pump starts to work and starts to drain; when water level drops below E2, pump stops working and water tank stops draining. When pump is running, the light is on.

当水箱水位达到E1时，

水泵开始工作，开始排水；

当水位降到E2以下，水泵停止工作，

水箱停止排水，在水泵运行时，

灯处于点亮状态。