

General

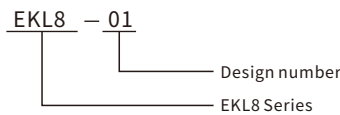
Applications

- Designed for monitoring level in wells, basins, reservoirs, tanks.....

Function Features

- In one device you can choose the following configurations:
 - 2 level control mode
 - 1 level control mode
- Choice of function PUMP UP, PUMP DOWN.
- Adjustable time delay on the output (0.1-10s).
- Sensitivity adjustable by a potentiometer (5-100kΩ).
- Galvanically separated supply voltage AC/DC24-240V.
- Relay status is indicated by LED.
- 1-MODULE,DIN rail mounting.

Model and connotation



Technical parameters

Technical parameters	EKL8-01	EKL8-02
Function	2 level control mode	2 or 1 level control mode
Supply terminals	A1-A2	
Voltage range	AC/DC 24-240V(50-60Hz)	
Input	Max.2VA	
Supply voltage tolerance	-15%; +10%	
Sensitivity (input resistance)	Adjustable in range 5kΩ -100kΩ	
Voltage in electrodes	Max.AC5V	
Current in probe	AC<0.1mA	
Time response	Max.400ms	
Max. capacity length	800m(sensitivity 25kΩ)	200m(sensitivity 100kΩ)
Max. capacity of probe cable	400nF(sensitivity 25kΩ)	100nF(sensitivity 100kΩ)
Time delay (t)	Adjustable, 0.1-10s	
Accuracy in setting (mechanical)	±10%	
Temperature coefficient	0.05%/°C, at=20°C(0.05%/°F, at=68°F)	
Output	1×SPDT	
Current rating	10A/AC1	
Switching voltage	250VAC/24VDC	
Min.breaking capacity DC	500mW	
Output indication	Red LED	
Mechanical life	1×10 ⁷	
Electrical life(AC1)	1×10 ⁵	
Reset time	Max.200ms	
Operating temperature	-20°C to +55°C (-4°F to 131°F)	
Storage temperature	-35°C to +75°C (-22°F to 158°F)	
Mounting/DIN rail	Din rail EN/IEC 60715	
Protection degree	IP40 for front panel/IP20 terminals	
Operating position	Any	
Overvoltage category	III.	
Pollution degree	2	
Max.cable size(mm ²)	Solid wire max.1×2.5 or 2×1.5/with sleeve max.1×2.5(AWG 12)	
Dimensions	90×18×64mm	
Weight	61g	81g
Standards	IEC60255-1	