

Level Control Relay LNL8-01/02



Output	Function	Type	Article Number	QNT/CTN(pcs)	G/N.W/CTN(kg)	MEAS(cm)
AC/DC 24-240V(50/60HZ)						
1XSPDT	01	LNL8-A1/A230	LNL8A1A230	200	17/16	53. 5x26x33
1XSPDT	02	LNL8-A2/A230	LNL8A2A230	200	17/16	53. 5x26x33

•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/DC 24-240V.
 - Relay status is indicated by LED.
 - 1-MODULE,DIN rail mounting.

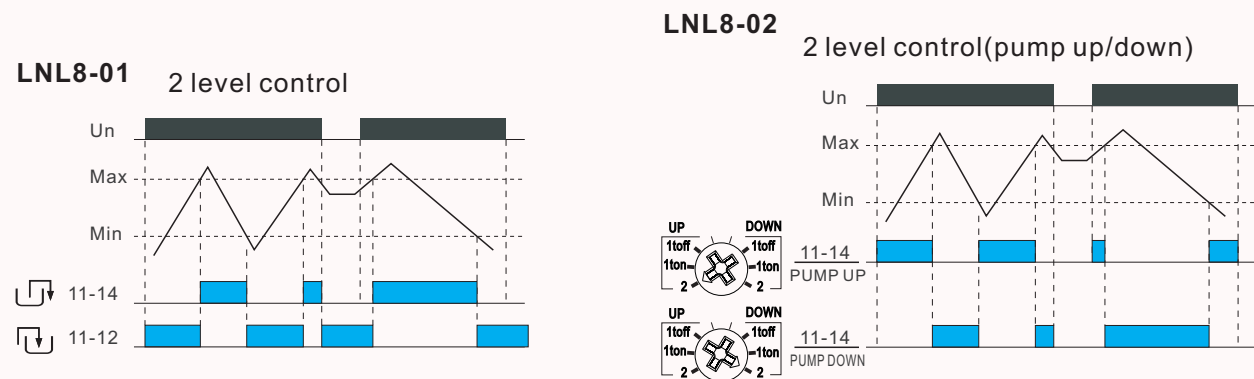
•Model and connotation
 LNL8 -01
 Design number
 LNL8 Series

Technical Data

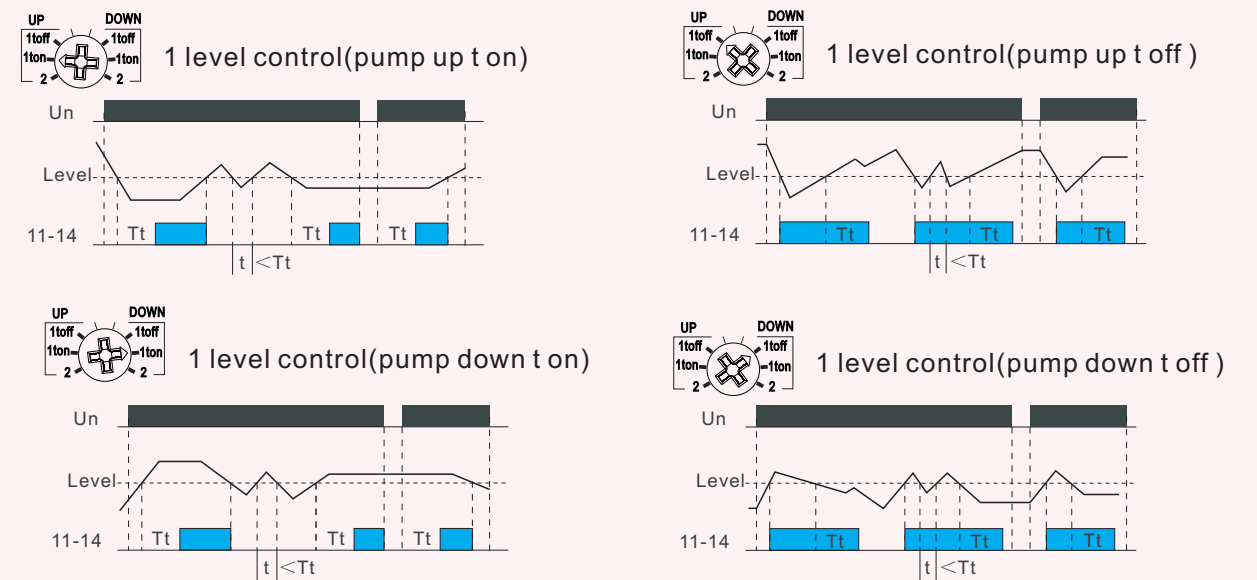
Technical Parameters

	LNL8-01	LNL8-02		
Function	2 level control mode	2 or 1 level control mode	Switching voltage	250VAC/24VDC
Supply terminals	A1-A2		Min.breaking capacity DC	500mW
Voltage range	AC/DC 24-240V(50-60Hz)		Output indication	red LED
Input	max.2VA		Mechanical life	1×10 ⁷
Supply voltage tolerance	-15%;+10%		Electrical life(AC1)	1×10 ⁶
Sensitivity (input resistance)	adjustable in range 5 kΩ - 100 kΩ		Reset time	max.200ms
Voltage in electrodes	max. AC 5 V		Operating temperature	-20°C to +55°C (-4°F to 131°F)
Current in probe	AC <0.1 mA		Storage temperature	-35°C to +75°C (-22°F to 158°F)
Time response	max. 400 ms		Mounting/DIN rail	Din rail EN/IEC 60715
Max. capacity length	800 m (sensitivity 25kΩ), 200 m (sensitivity 100 kΩ)		Protection degree	IP40 for front panel/IP20 terminals
Max. capacity of probe cable	400 nF (sensitivity 25kΩ), 100 nF (sensitivity 100 kΩ)		Operating position	any
Time delay (t)	adjustable, 0.5 - 10 s		Overvoltage category	III.
Time delay after power on	1.5 s		Pollution degree	2
Accuracy in setting (mechanical)	± 5 %		Max.cable size(mm ²)	solid wire max.1×2. 5or 2×1. 5/ with sleeve max.1×2. 5(AWG 12)
Temperature coefficient	0.05%/°C,at=20°C(0.05%°F , at=68°F)		Dimensions	90×18×64mm
Output	1×SPDT		Weight	61g 81g
Current rating	10A/AC1		Standards	IEC/EN 62055-1,IEC/EN61010-1

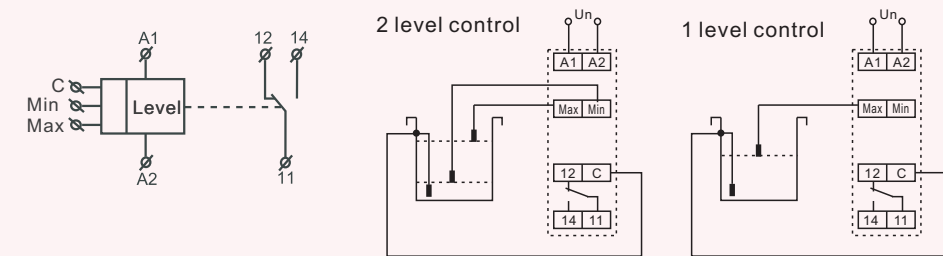
Functions Diagram



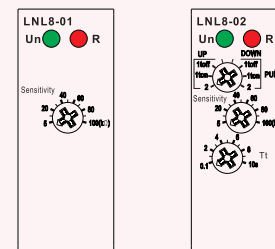
Functions Diagram



Wiring Diagram



Panel Diagram



Dimensions(mm)

