

# LEVEL CONTROL RELAY

## Emptying Control

(with adjustable sensitivity)



411-RNP21



6



### PRESENTATION

- Plastic box with an 11 pin circular plug
- Knob for sensitivity adjustment
- Output relay on (1-3), indicated by a green LED
- Low water level in the well, indicated by a red LED
- Power supply on (2-10), indicated by a yellow LED
- Supply voltage indicated on the front of the relay
- Wiring scheme indicated on the side of the relay
- Switching diagram indicated on the side of the relay

### APPLICATIONS

Control of water pumps used in wells and artesian holes, maximum level alarms.

### OPERATING MODE

The output relay operates (1-3) whenever water reaches the max. level (5) and only releases (1-4) when it falls beyond the min. level (6).

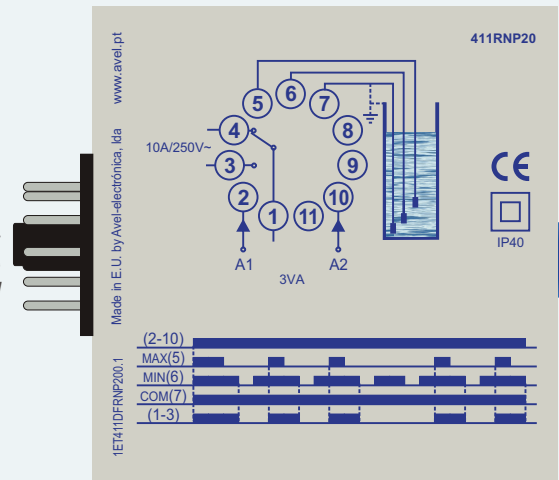
*If you want to control only one level, you should eliminate the probe that is connected to pin 5 and connect pin 5 to pin 7 with a shunt. In this case, the relay operates (1-3) whenever water is in contact with the probe connected to pin 6.*

### TECHNICAL CHARACTERISTICS

- Detection circuits sensitivity range: 0 to 100 Kohm (adjustable)
- Detection circuits voltage: 12 VAC
- Supply voltages:  
AC: 24V; 230V; 400V  
(Other tensions on request)
- Supply tolerance: -15%...+10%
- Power consumption: < 3VA
- Dimensions: (W) 35mm x (H) 79mm x (P) 77mm
- Output relay:  
Max. power rating: 2500VA (10A/250V)  
Max. switching voltage: 400VAC

Also available with 2 outputs relay

In accordance with: EN60730-1 and EN60730-2-15



### ORDER CODE

411RNP2100202  
-Level control relay "411-RNP21" 24VAC

411RNP2102302  
-Level control relay "411-RNP21" 230VAC

411RNP2104002  
-Level control relay "411-RNP21" 400VAC