



TEVE VARNOST ELEKTRONIKA

## LEVEL PROBE CONTROLLER KNS



### DESCRIPTION, APPLICATION

Level probe controller KNS is designed for continuous control of level in liquid tanks. Level probe controller KNS is built of controller, programmable logical relay, ON switch, alarm horn, red light and key for horn blockade.

On every tank is a level probe NS. In case that liquid level drops below set point, the buoy switches relay contact. This causes a change in control unit. The light for a tank illuminates and alarm horn starts to whistle. Controller turns off the tank pump. By pressing the key "IZKLOP HUPE" the alarm horn stops to whistle. The tank pump stays disengaged until the level is too low.

### TECHNICAL DATA

#### CONTROL UNIT

Supply voltage	230 V, 50 Hz
Cable gland	Diameter 6 - 12 mm (M20x1,5)
Mechanical protection	IP54
Housing	Metal
Dimensions	130 x 220 x 310 mm

#### RELAY AMPLIFIER

Switching voltage	250 VAC / 24 VDC
Switching current	8 A , DC/AC
Switching power	100 VA / 50 W
Switching frequency	max. 20 Hz
Power consumption:	
AC	2,2 VA/channel
DC	0,55 W/channel

#### CONTROL LOGICAL RELAY

Number of inlets	12
Number of outlets	8
Maximal current	8 A
Voltage	230 VAC

Level probe controller KNS can connect up to 12 level probes, type:

Level probes:    NS-1  
                      NS-2

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