

## **E37M1201000**

## **Regulator E37M1201000**

Regulator E37 is controllers of thickness of ice(mirror, ice cream) or level of liquid through the sensors L56 equipped with 2 or 3 electrodes which provoke the activation or the deactivation of the exit relay SPDT according to the change of the electric conductivity.

### **CHARACTERISTICS:**

- The level regulators of liquid E37 are used as well for applications of filling as evacuation because for both applications the principle is the difference of resistance between the sight and the water
- For the applications of filling, the exit relay is activated when the sensor in the entrance detects a resistance superior to 145 kohm. This regulation guarantees, in case of lack of current in the regulator, that the gate of filling is deactivated so as to avoid the overflowing of water.
- The applications of evacuation work on the contrary: the exit relay is activated when the sensor in the entrance detects a resistance lower than 45 kohm
- In case of lack of current in the regulator a manual switch allows the opening or the lock of the piloted gate.

### **TECHNICAL DATA:**

- absorbed Power: subordinate in 3VA
- Ambient temperature of functioning of 0 in 60°C
- Temperature of storage of 25 in 85°C
- Insulation input-output 2,5kV
- Color of the case: black
- Material of the case: Noryl N-225
- Connections supply: Fastons 6,3 mm, connections probes: Fastons 4,8 mm