

NL27

2-Point Conductive Level Controller



VP- NL27-EN

Description

The NL27 series is a family of mains-operated 2-point level controllers based on the conductive measuring principle.

Relay contacts for controlling pumps or valves are available as switching outputs.

Depending on the application, the inflow or outflow control function can be selected directly on the device.

The adjustable response delay allows optimum adaptation of the reaction time to the process conditions. When the power supply is switched on, the response delay is bridged.

Indicators (LEDs) for the power supply and the switching output are provided to give information on the device status.

The controllers can also be used as 1-point controllers with only one probe.

Advantages / features

- Thanks to 4kVAC protective insulation also suitable for applications with touchable probes
- Plug-in plastic housing for quick and easy installation
- 2 years warranty

Application examples

- Commercial beverage vending machines and dishwashers
- Inflow and outflow dosing
- Water treatment plants
- Filling control
- Pump sumps
- Swimming baths and sauna controls
- Separation plants

Technical Specifications (subject to modifications)

Power supply	230 VAC
Power input	1.0 VA (idle)
Switching capacity	5 A / 230 VAC
Protective insulation probe	3.75 kVAC
Sensitivity standard	100 kOhm
Sensitivity E model	1'000 kOhm
Operating temperature	-10 ... +70 °C
Dimensions (W x H x D)	36 x 45 x 75 mm
Cable length probe	40 m, 8 m (E model)

Models

NL2750 (Standard)	A11275000
NL2750E (sensitive)	A11275010