Level Monitors Type NS1
1 Niveau, Wall-mount

NS1

This level monitor for two electrodes preferably serves to the limit control, e.g. as overflow or running dry protection of a conducting liquid. The device is integrated in a shock-resistant plastic housing of the type 94 and can also be used for outside- resp. waterproof mounting according to its protection system IP 54.

The function of the relay is reversible (standard: releases, when E2 is reached) by changing of jumpers in the device. The sensitivity can be changed between 25…250 kOhm and the switching delay between 0,5…10 s.

Part number: V223202

Technical Data

Supply Voltage $U_s$ AC 230 V
Adm. Tolerance $U_s$ $+10\%...-15\%$
Power Consumption $\leq 3$ VA
Frequency 50…60 Hz
Relays 1 CO
Contact type Type 2 (see "General technical Informations")
Pick up delay approx. 0,5 s
Release delay approx. 0,5…10s adjustable
Text conditions see "General technical Informations"
max. ambient temperature $-20^\circ C...+55^\circ C$
Quantity Electrodes 2
Voltage at the Electrodes $< AC 6$ V
Line capacity at 25 kΩ max. 100 nF = approx. 500 m
at 150 kΩ max. 20 nF = approx. 100 m
at 250 kΩ max. 10 nF = approx. 50 m
Dimensions (H x B x T) Design I 94: 94 x 94 x 57 mm
Fitting position with screws
Protection housing/ terminals IP 54/ IP 20
Weight approx. 310 g