

S-NR 01, S-RN 01

Level Controller

Sensing for 1 or 2 levels. With test-button.

Basic functions

Min-Max - 2 switch points NR - Pump Up RN - Pump Down	Max - 1 switching point NR - Overflow protection RN - Run Dry protection
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- Conductive measurement principle (for conductive media)
- Test-button for the functional test of the measure and alarm circuit
- Sensitivity is adjustable
- LED indicators for relay state and operation
- Probes are operated with alternate current signal (even with 24V DC supply)
- Supply and measurement signal are isolated from each other
- Safety measure against supply or transformer malfunction, then the filling and / or draining process will be stopped



Technical data

Dimensions:	L 75 x B 22,5 x H 110mm	Protection class:	Housing IP40; Terminal IP20 with captive, touch protected screws
Housing:	Quick install onto standard DIN rail to DIN EN 50022	Supply voltage:	230V AC
Output:	1 SPDT energised for action	on request:	24V DC, 24V AC, 115V AC
Switching voltage:	max. 250V AC	Supply frequency:	50-60 Hz
Switching current:	6A	Tolerance:	-15% to +10%
Power On time:	100%	Power consumption:	max. 3,3VA, 0,6VA for the 24V DC model
Probe voltage:	AC 12V ss ca. 50Hz	Ambient temperature:	-20°C up to +60°C

Type	Resistivity Range KΩ (centre position)	Conductance μS max.	Probe Current ≈ μA	Cable Capacity nF (centre position)	Cable Lenth m (centre position)
Standard	-110 (50)	10	< 200	9-120 (60)	25-300 (150)

Art.-No.	Supply Voltage
SNR01 23056	230V / 50-60Hz
SNR01 11556	115V / 50-60Hz
SNR01 2456	24V / 50-60Hz
SNR01 G2400	24V DC

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Functional and wiring diagram

