

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

S-NR 01, S-RN 01

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
Housing:	Quick install onto standard DIN rail to DIN EN 50022
Output:	1 SPDT energised for action
Switching voltage:	max. 250V AC
Switching current:	6A
Power On time:	100%
Probe voltage:	AC 12V ss ca. 50Hz

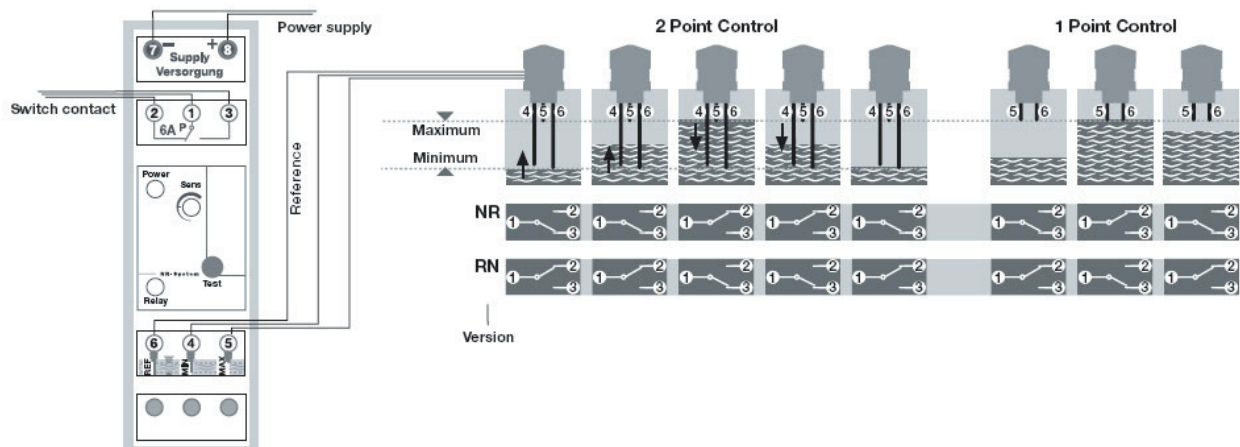
Protection class:	Housing IP40; Terminal IP20 with captive, touch protected screws
Supply voltage:	230V AC
on request:	24V DC, 24V AC, 115V AC
Supply frequency:	50-60 Hz
Tolerance:	-15% to +10%
Power consumption:	max. 3,3VA, 0,6VA for the 24V DC model
Ambient temperature:	-20°C up to +60°C

Type	Resistivity Range KΩ (centre position) max.	Conductance μS	Probe Current ≈ μA	Cable Capacity nF (centre position)	Cable Length 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



Technische Änderungen vorbehalten / modifications reserved