Type SNG

basic @ level

Level control unit with wide-range-power supply for conductive level probes

Basic features

▶ Processor controlled unit
▶ Up to 4 level probes + ground probe
     single limit
     limit control
     wire breackage protection
     parameter switching

▶ PC-configurable (optional)
   process-monitoring + documentation incl.

Technical features

▶ Version: 22,5 mm top-hat rail housing
▶ Supply voltage : 24 VDC
▶ Protection class: IP 20
▶ Working temperature: -10°C up to +50°C
▶ Storage temperature: -20°C up to +70°C
▶ Inputs: 4 independent for electrodes
     resp. fill level
     1 (Ground electrode resp. tank)

▶ Sensitivity:
   2 arrays 0,2 KΩ…9,9 KΩ/990 KΩ;
   free selectable for electrode
▶ Outputs: 2x relay-output (3A/230V)
           (NO ; per software to NC)
           2x electronics-output 22...24V DC;
           35mA; PNP invertible
           short circuit protected

▶ Time Delay: turn on-/off-delay
         0,0 to 99,9sec; free selectable
         for each output

Favoured fields of application are e.g:
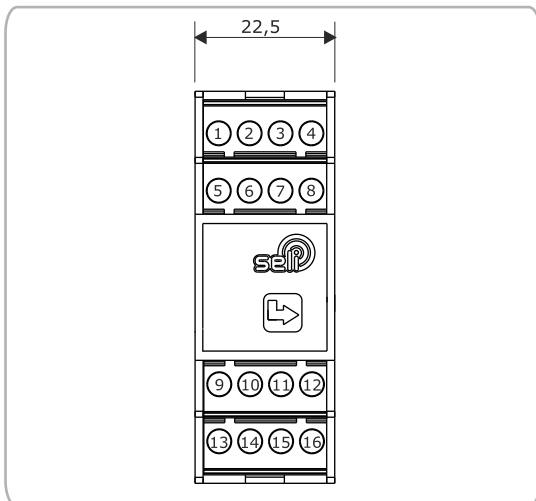
▶ Low- / high alarm in containers
▶ Media registration in pipes as pump
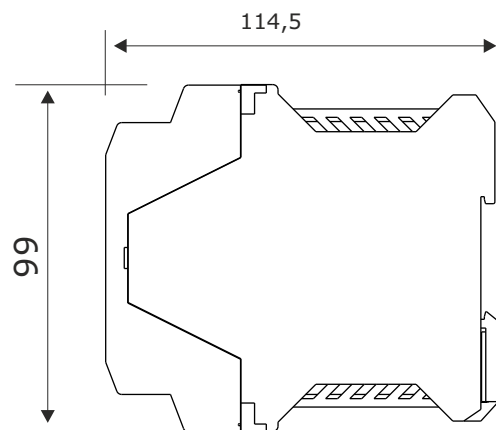   protection
▶ Filling / emptying of tanks with level control

Accessories (optional)

SMW-PA

SNG-PA

Visualization via PC-USB interface incl. software for readout, parametrization and documentation

2021-09

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Terminal Assignment

22,5

SNG-DC
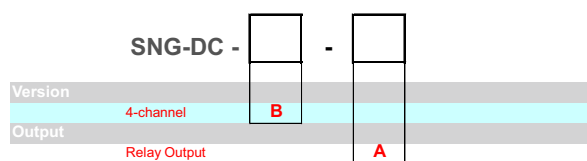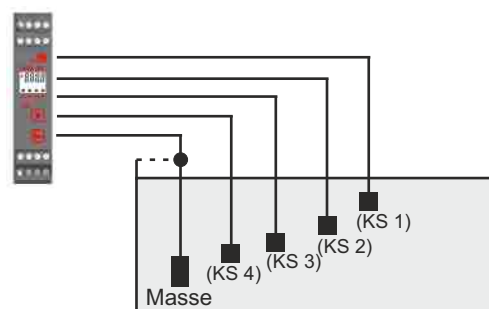
connection	description
1	Probe-Input 1 E1 (KS 1)
2	Probe-Input 2 E2 (KS 2)
3	Probe-Input 3 E3 (KS 3)
4	Probe-Input 4 E4 (KS 4)
5	Ground of electrode / 0 VDC electronic-output
6	---
7	Electronic Output 1 (24V ; 35mA ; PNP)
8	Electronic Output 2 (24V ; 35mA ; PNP)
9	Relay-Output 1 (NO) ; IN
10	Relay-Output 1 ; OUT
11	---
12	---
13	Relay-Output 2 (NO) ; IN
14	Relay-Output 2 ; OUT
15	Supply 24V (DC+)
16	GND

Dimension of housing

114,5

99

Order Code

SNG-DC - [ ] - [ ]

Version		
4-channel	**B**	
Output		
Relay Output		**A**

Example of connection

(KS 1)
(KS 2)
(KS 3)
(KS 4)
Masse

Order Code Accessories

Parameterise-adapter + software-package SMW-PA-M12
For the connection with the PC-USB Interface SNG-PA-M12

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