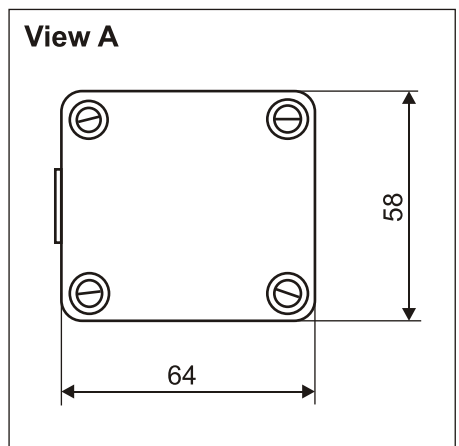
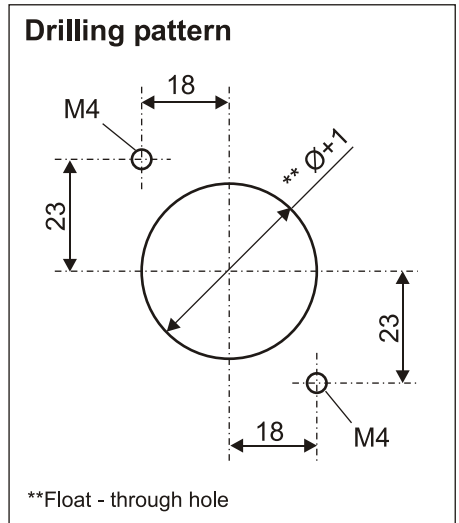
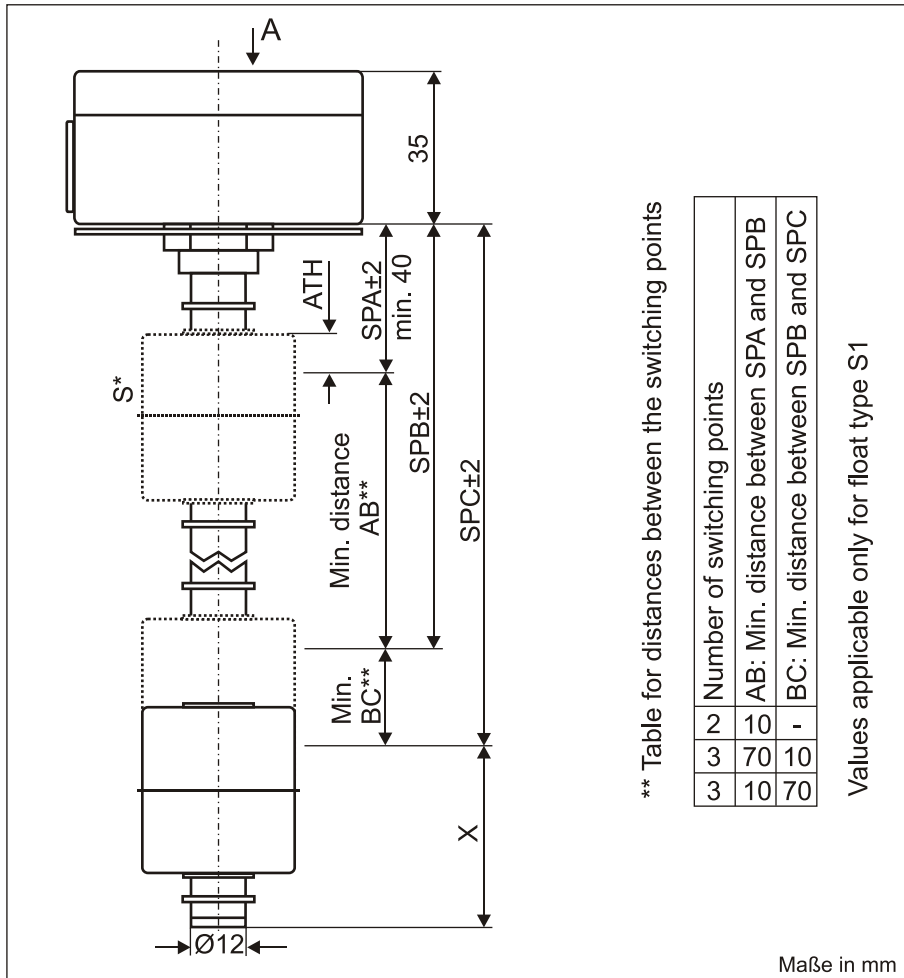


Data sheet

Float switch stainless steel design 1 in combination with temperature sensor PT100

Type: SSE...1...PT100



ATH	Height above medium surface e.g. float S4 = 12mm at density of 0,997g/cm ³
*S	for more than 2 switching points additional floats
X	41±2 tube stainless steel + float PP
X	51±2 tube stainless steel + float stainless steel

Order key

Float switch SS

Tube E - stainless steel

2 - No of contacts (max. 3)

A - switching point A above

B - switching point B

(designation with 1 contact)

C - switching point C

Functions:

1 - closes on level rise

2 - opens on level rise

3 - closes on level drop

4 - opens on level drop

5 - change-over contact

50 - switching point A e.g. SPA2 = 50mm

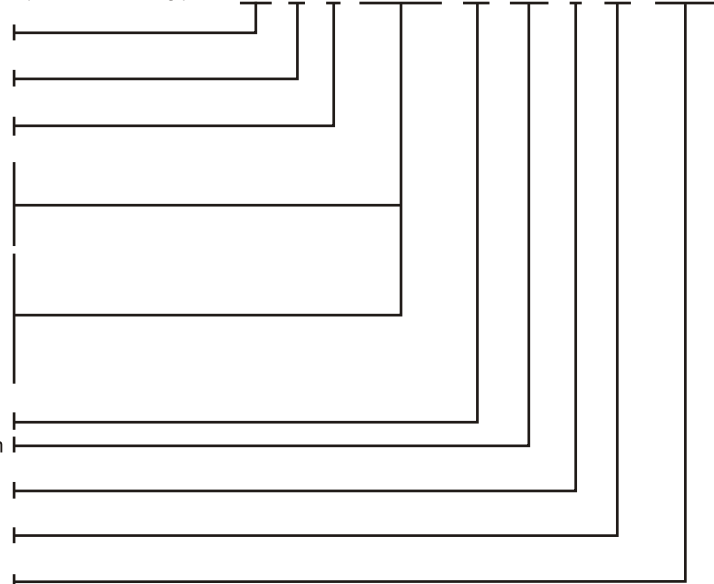
500 - switching point B e.g. SPB3 = 500mm

1 - design

S4 - float type - see technical data

PT100 - temperature sensor

Example for 2 switching points: **SS E. 2. A2. B3. 50. 500. 1. S4. PT100**

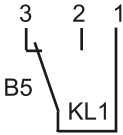
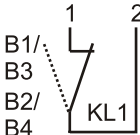
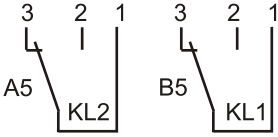
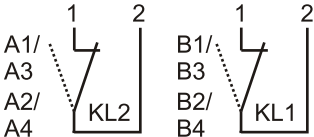
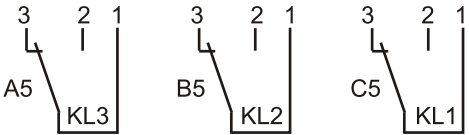
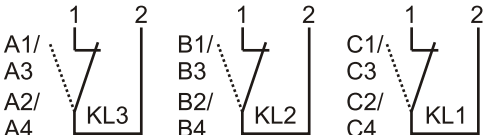
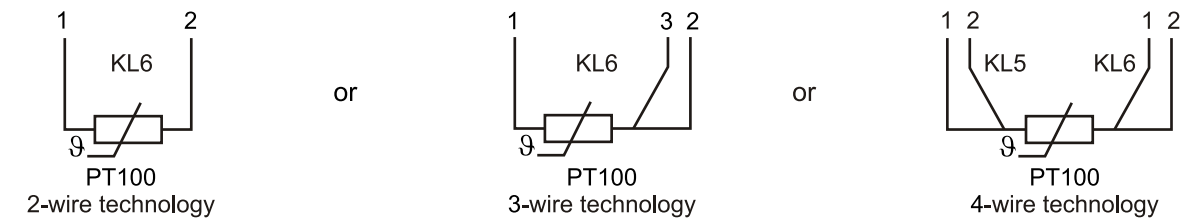


Data sheet

Float switch stainless steel design 1

in combination with temperature sensor PT100

Type: SSE...1...PT100

Example for terminal diagrams	
 <p>1x change-over contact + temperature sensor example order key: SSE.1.B5.80.1.S4.PT100</p>	 <p>1x n.o. contact/n.c. contact + temperature sensor example order key: SSE.1.B1.80.1.S4.PT100</p>
 <p>2x change-over contacts + temperature sensor example order key: SSE.2.A5.B5.50.85.1.S4.PT100</p>	 <p>2x n.o. contacts/n.c. contacts + temperature sensor example order key: SSE.2.A2.B3.60.90.1.S4.PT100</p>
 <p>3x change-over contacts + temperature sensor example order key: SSE.3.A5.B5.C5.110.370.850.1.S4.PT100</p>	 <p>3x n.o. contacts/n.c. contacts + temperature sensor example order key: SSE.3.A4.B2.C1.90.270.1020.1.S4.PT100</p>
 <p>2-wire technology or 3-wire technology or 4-wire technology</p>	

Technical data	
Connection:	terminal connection 1,5mm ² in the housing, cable entry at the housing M16x1,5, housing material alu, colour grey
Mounting:	via housing floor - see dilling pattern
Seal:	material NBR
Tube:	Ø12mm, material stainless steel 1.4571
Float:	Ø35x40mm, material PP, type S1 Ø44x53mm, material stainless steel 1.4571, type S4 Ø52mm, material stainless steel 1.4571, type S7
Level switching points:	reed contacts: max. 3x n.o. contact/n.c. contact or change-over contact further reed contacts on request
Temperature sensor:	platinum measuring resistor PT100 according DIN 60751 in 2-, 3- and 4-wire technology
Tolerance class:	DIN EN 60751, class B
Nominal resistance:	100 Ohm with 0°C
Temperature coefficient:	3850ppm/K
Switching voltage, current, capacity:	24VDC, 150mA
Pressure:	max. 1 bar, for stainless steel float max. 25bar
Operating temperature:	-20°C to 80°C in medium, -20°C to 70°C above mounting (with PP float) -20°C to 100°C in medium, -20°C to 70°C above mounting (with stainless steel float)
Protection rating:	IP 65