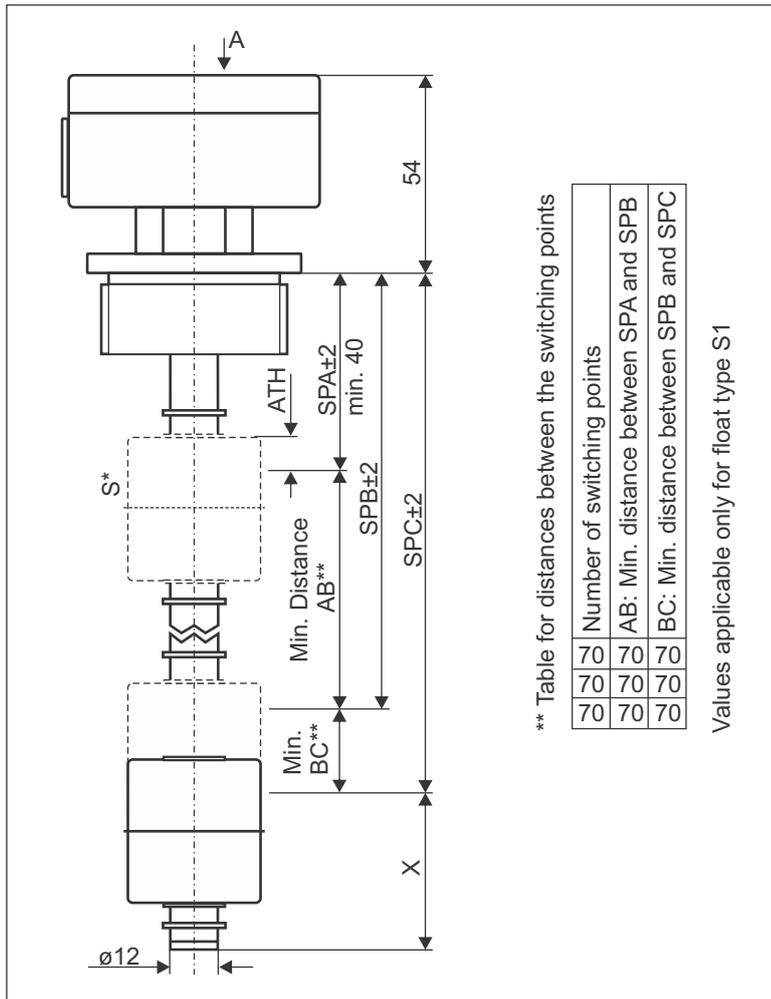


Data sheet

Float switch stainless steel design 7 in combination with temperature sensor PT100

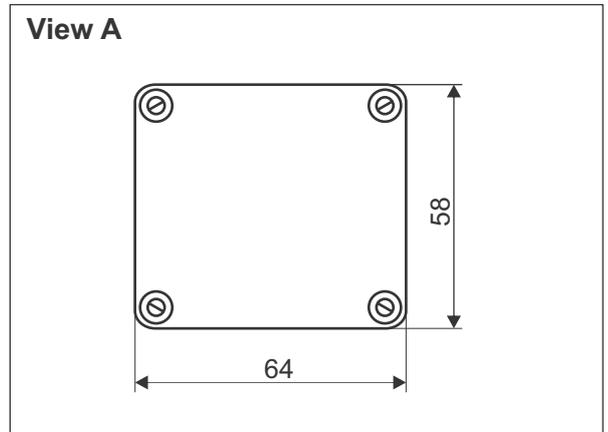
Type: SSE...7...PT100



** Table for distances between the switching points

Number of switching points	AB: Min. distance between SPA and SPB	BC: Min. distance between SPB and SPC
70	70	70
70	70	70
70	70	70

Values applicable only for float type S1

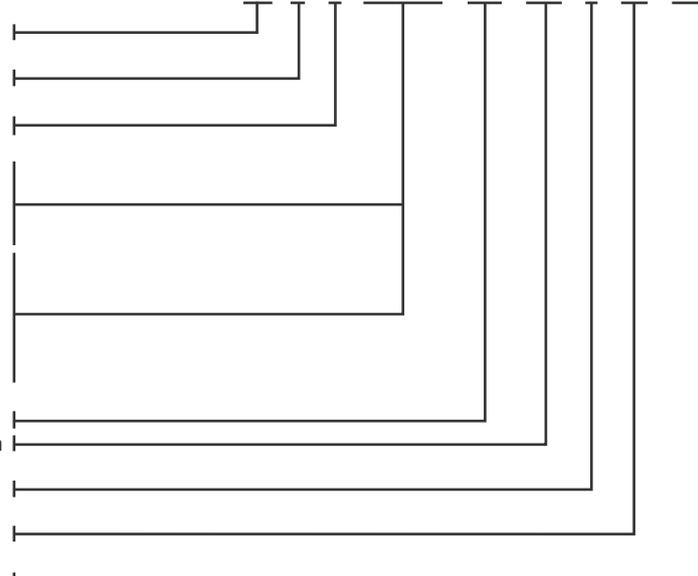


ATH	Height above medium surface e.g. float S4=12mm at density of 0,997g/cm ³
*S	for more than 2 switching points, additional floats
X	41±2 tube + float PP
X	51±2 tube + float stainless steel

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 switching point)
- C - switching point C
- Switching function:
 - 1 - closes on level rise
 - 2 - opens on level rise
 - 3 - closes on level drop
 - 4 - opens on level drop
 - 5 - change-over contact
- 150 - switching point A e.g. SPA2 = 150mm
- 500 - switching point B e.g. SPB3 = 500mm
- 7 - design
- S4 - float type - see techn. data
- PT100 - temperature sensor

Example for 2 switching points: **SS E. 2. A2. B3. 150. 500. 7. S4. PT100**



Data sheet

Float switch stainless steel design 7

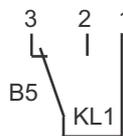
in combination with temperature sensor PT100

Type: SSE...7...PT100

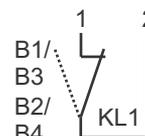
Technical data

Connection:	terminal connection 1.5mm ² in the housing cable entry at the housing M16x1.5, material alu, colour grey
Mounting:	1 1/2" thread, material stainless steel 1.4571
Tube:	ø12mm, material stainless steel 1.4571
Float:	ø35x40mm, material PP, type S1, ø45x52mm, material stainless steel 1.4571, type S4,
Switching point:	reed contacts, max. 3x n.o. contact/n.c. contact or change-over contact, further reed contacts on demand
Temperature sensor:	platinum measuring resistor PT100 acc. to DIN 60751 in 2-, 3- and 4-wire technology
Tolerance class:	DIN EN 60751, class B
Nominal resistance:	100 Ohm at 0°C
Temperature coefficient:	3850ppm/K
Switching voltage, current, capacity:	24VDC, 150mA
Pressure:	max. 1 bar, with 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

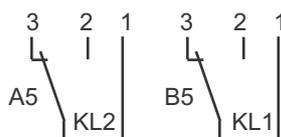
Example for terminal diagrams



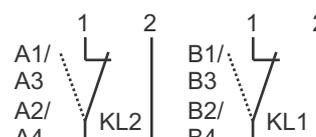
1x change-over contact + temperature sensor
example order key:
SSE.1.B5.80.7.S4.PT100



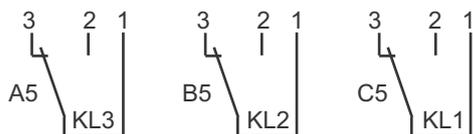
1x n.o. contact/n.c. contact + temperature sensor
example order key:
SSE.1.B1.80.7.S4.PT100



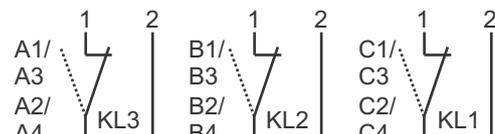
2x change-over contact + temperature sensor
example order key:
SSE.2.A5.B5.50.85.7.S4.PT100



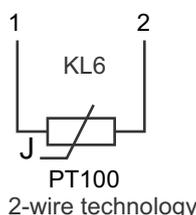
2x n.o. contact/n.c. contact + temperature sensor
example order key:
SSE.2.A2.B3.60.90.7.S4.PT100



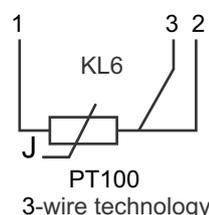
3x change-over contact + temperature sensor
example order key:
SSE.3.A5.B5.C5.110.370.850.7.S4.PT100



3x n.o. contact/n.c. contact + temperature sensor
example order key:
SSE.3.A4.B2.C1.90.270.1020.7.S4.PT100



Or



Or

