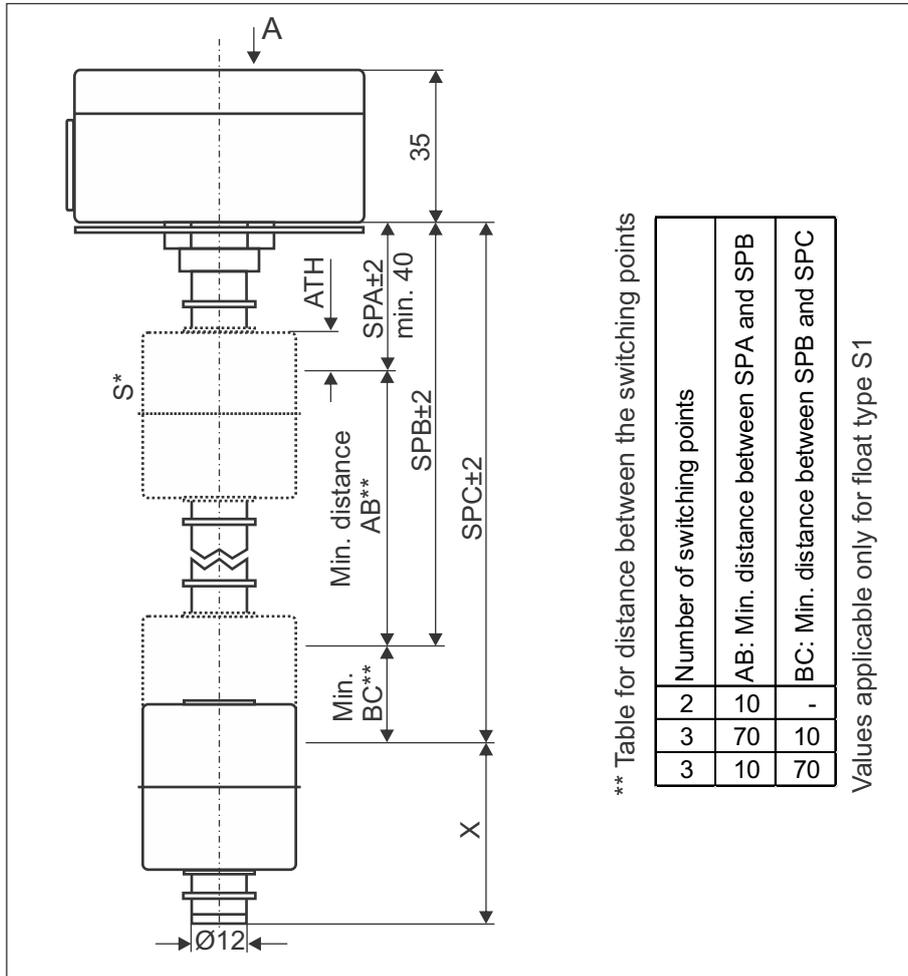


Data sheet

Float switch stainless steel design 1 in combination with temperature switch

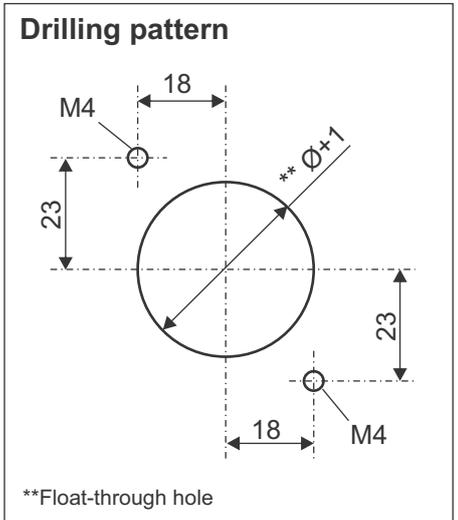
Type: SSE...1...T...



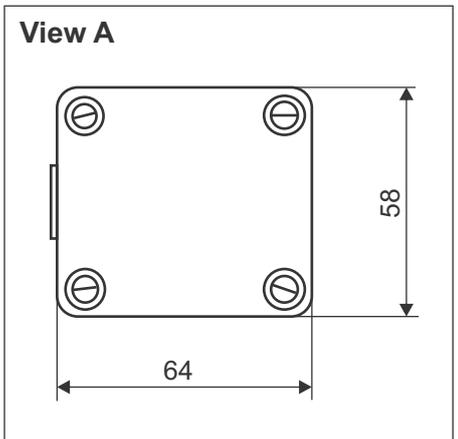
** Table for distance between the switching points

Number of switching points	AB: Min. distance between SPA and SPB	BC: Min. distance between SPB and SPC
2	10	-
3	70	10
3	10	70

Values applicable only for float type S1



**Float-through hole

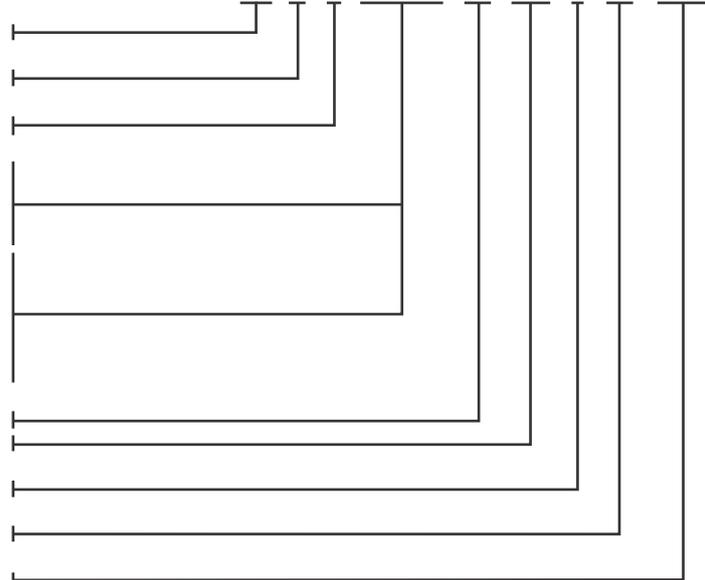


ATH	Height above medium surface e.g float S4 = 12mm at density of 0,997g/cm ³
*S	for more than 2 switching points, additional floats
X	41±2 tube stainless steel + float PP
X	51±2 tube stainless steel + float stainless steel

Order key

- Float switch SS
- Tube E - stainless steel
- 2 - No. of contacts (max. 3)
- A - switching point A above
- B - switching point B
- C - switching point C
- (designation with 1 contact)
- Switching 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
- T... O - temperature switch n.c. contact

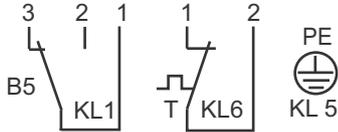
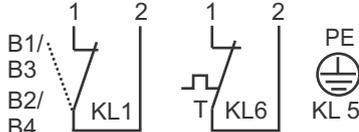
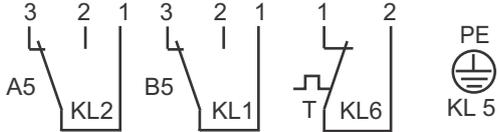
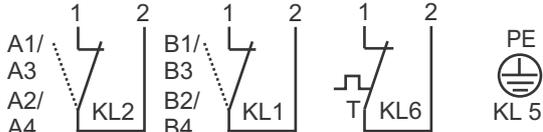
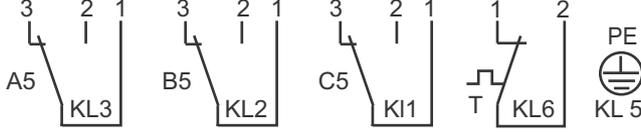
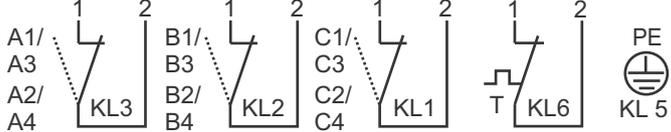
Example for 2 switching points: **SS E. 2. A2. B3. 50. 500. 1. S4. T700**



Data sheet

Float switch stainless steel design 1 in combination with temperature switch

Type: SSE...1...T...

Examples for terminal diagrams	
 <p>1x change-over contact + temperature switch n.c. contact e.g. Order key: SSE.1.B5.80.1.S1.T500</p>	 <p>1x n.o. contact/n.c. contact + temperature switch n.c. contact e.g. Order key: SSE.1.B1.80.1.S1.T500</p>
 <p>2x change-over contacts + temperature switch n.c. contact e.g. Order key: SSE.2.A5.B5.50.85.1.S1.T500</p>	 <p>2x n.o. contacts/n.c. contacts + temperature switch n.c. contact e.g. Order key: SSE.2.A2.B3.60.90.1.S4.T500</p>
 <p>3x change-over contacts + temperature switch n.c. contact e.g. Order key: SSE.3.A5.B5.C5.110.370.850.1.S1.T500</p>	 <p>3x n.o. contacts/n.c. contacts + temperature switch n.c. contact e.g. Order key: SSE.3.A4.B2.C1.90.270.1020.1.S1.T500</p>

Technical data	
Connection:	terminal connection 1,5mm ² in the housing, cable entry at the housing M16x1,5
Mounting:	housing material alu, colour grey via housing floor - see drilling pattern
Seal:	material NBR
Tube:	Ø12mm, material stainless steel 1.4571
Float:	Ø35x40mm, material PP, type S1 Ø45x52mm, material stainless steel 1.4571, type S4 Ø52mm, material stainless steel 1.4571, type S7
Level switching point:	reed contacts: max. 3x n.o. contacts/n.c. contacts or change-over contacts further reed contacts on demand
Temp. switching point (TP):	switching function: n.c. contact, standard-switching point (TP) 60°C to 80°C; further TP on request precision ±5°C, smaller tolerances on request reset-temperature = TP - 30°C ±15°C
Switching capacity	
level:	max. 230VAC / 1A / 60VA
temperature:	max. 230VAC / 1A
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