

Data sheet

Float switch stainless steel design 21

Type: SSE...21...

Device with temperature sensor or temperature switch combinable,
see also level / temperature measurement technology combined

Dimensions in mm

ATH	Height above medium surface e.g. float S1=8mm at density of 0,87g/cm ³
X	41±2 tube stainless steel + float PP S1
X	51±2 tube stainless steel + float stainless steel S4

Drilling pattern

***float through hole, see float-diameter Ø

Order key

Example for 2 switching points: **SS E. 2. A2. B3. 50. 500. 21. S4**

- Float switch SS
- Tube E - stainless steel
- 2 - no. of contacts
- A - switching point A above
- B - switching point B
- (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. SPA = 50mm
- 500 - switching point B e.g. SPB = 500mm
- 21 - design
- S4 - float - see technical data

Examples for terminal diagram

1 x change-over contact
e.g. Order key: SSE.1.B5.180.21.S4

1 x n.o. contact/n.c. contact
e.g. Order key: SSE.1.B1.80.21.S4

2 x n.o. contacts/n.c. contacts
e.g. Order key: SSE.2.A2.B3.50.500.21.S4

Technical data

Connection:	right-angled plug-type connector 3-pole + PE, DIN EN 175301-803 (DIN 43650), material PA
Mounting:	flange Ø74mm, material aluminium
Seal:	material NBR
Tube:	Ø12mm, material stainless steel
Float:	Ø35x40mm, material PP, type S1 Ø45x52mm, material stainless steel 1.4571, type S4 Ø52mm, material stainless steel 1.4571, type S7
Switching points:	reed contacts, max. 2x n.o. contacts/n.c. contacts or 1x change-over contact
Switching capacity:	230 VAC / 1A / 60VA or 100VDC / 1A / 60W
Pressure:	max. 1 bar, with stainless steel float max. 25bar
Operating temperature:	-20°C to 100°C in medium; (-20°C to 80°C in medium (with PP float)) -20°C to 70°C above mounting (with stainless steel float)
Protection rating:	IP 65