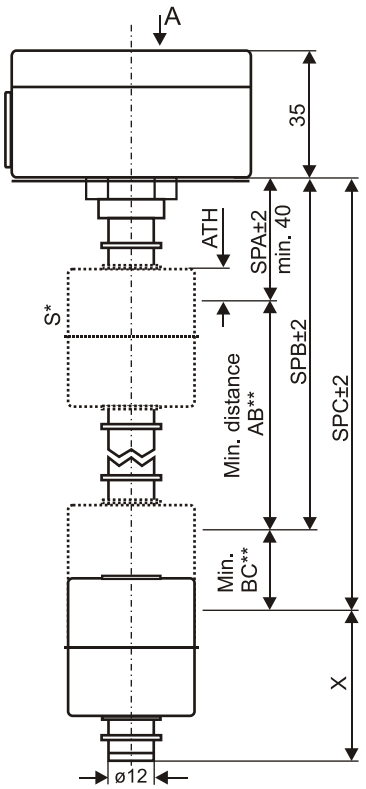
Data sheet
Float switch stainless steel design 1
Type: SSE....1....

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



** Table of distances between the switching points

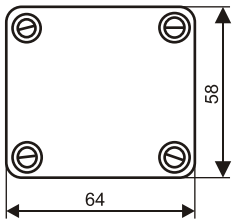
Number of switching points	AB: Min. distance between SPA and SPB	BC: Min. distance between SPB and SPC
2	10	-
3	70	10
3	10	70

Values applicable only for type S1

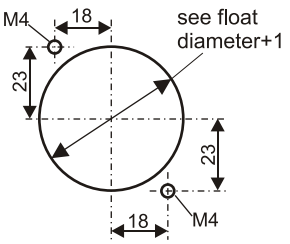
Dimensions in mm

ATH	Height above medium surface e.g. float S4 = **12mm** at density 0,997g/cm³
*S	for more than 2 switching points, additional float
X	41±2 tube stainless steel + float PP
X	51±2 tube stainless steel + float stainless steel

View A



Drilling pattern

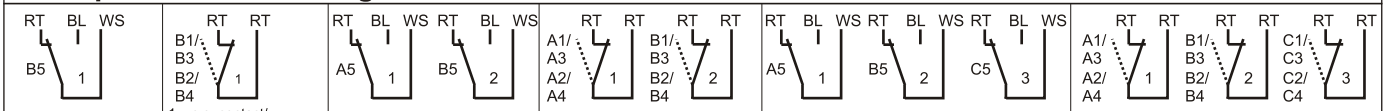


Order key

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

- float switch SS
- tube E - stainless steel
- 2 - no. of contacts (max. 3)
- A - contact A above
  B - contact B
  (designation with 1 contact)
  C - contact 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
- 50 - switching point A e.g. SPA2 = 50mm
- 500 - switching point B e.g. SPB3 = 500mm
- 1 - design
- S4 - float type - see technical data

Example for terminal diagrams



Technical data

Connection:	terminal connection 1.5 mm² in the housing, cable entry at the housing M16x1.5 alu die-cast housing, colour grey
Mounting:	via housing floor - see drilling pattern
Seal:	material NBR
Tube:	Ø12mm, material stainless steel 1.4571
Float:	S1: material PP, Ø35x40 mm, S4: material stainless steel 1.4571 ø45x52mm S7: material stainless steel 1.4571 ø52mm
Switching points:	reed contacts, max. 3x n.o. contact/n.c. contact or change-over contact, additional reed contacts availble on request
Switching voltage, current, output:	230 VAC, 1A, 60VA
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

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