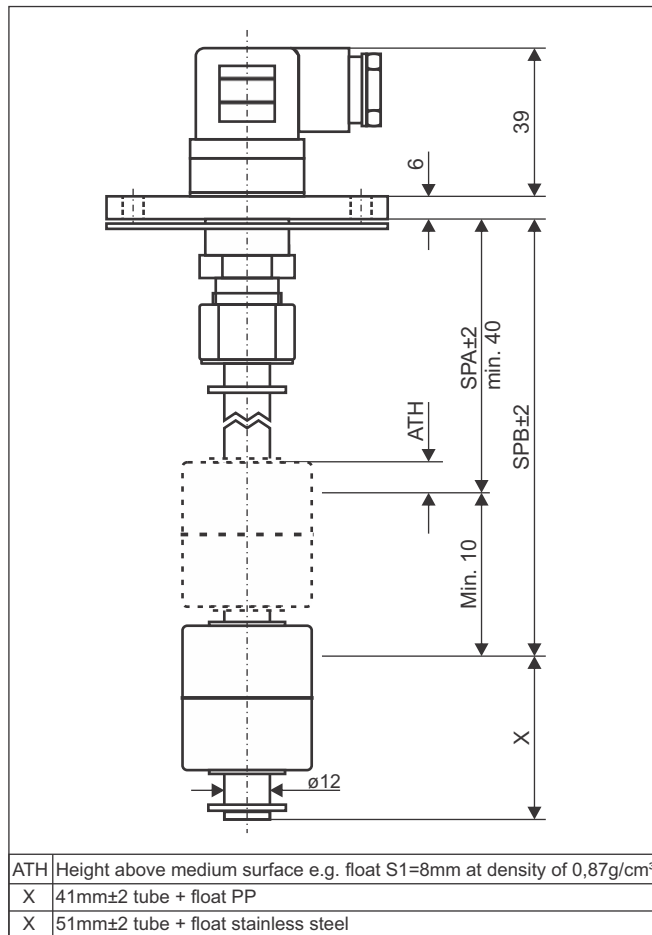
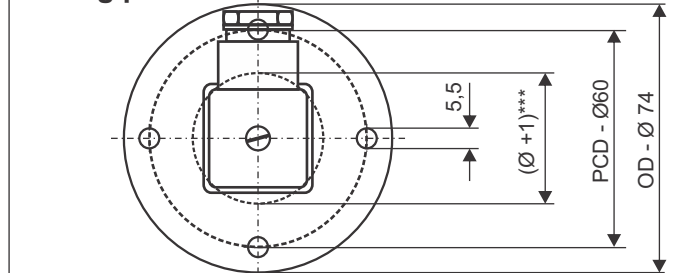


Data sheet

Float switch stainless steel design 21 in combination with temperature switch Type: SSE...21...T

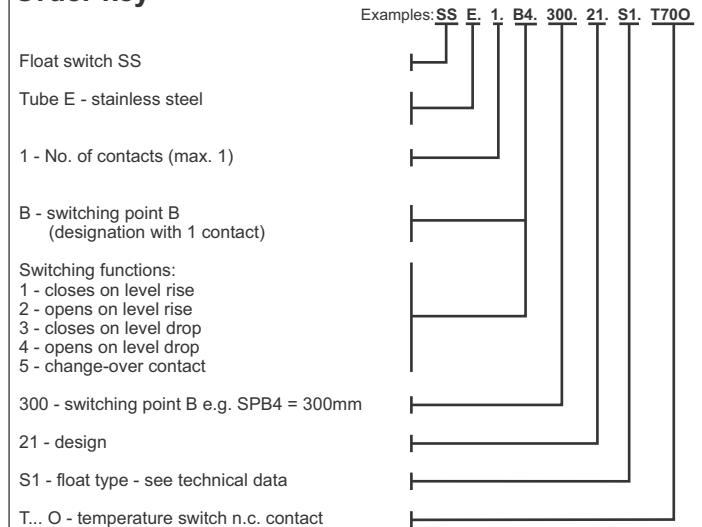


Drilling pattern

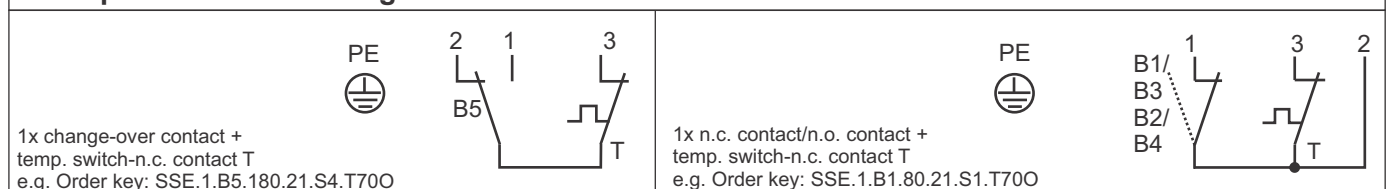


***Float through hole - see float diameter $\varnothing$

Order key



Examples for terminal diagrams



Technical data

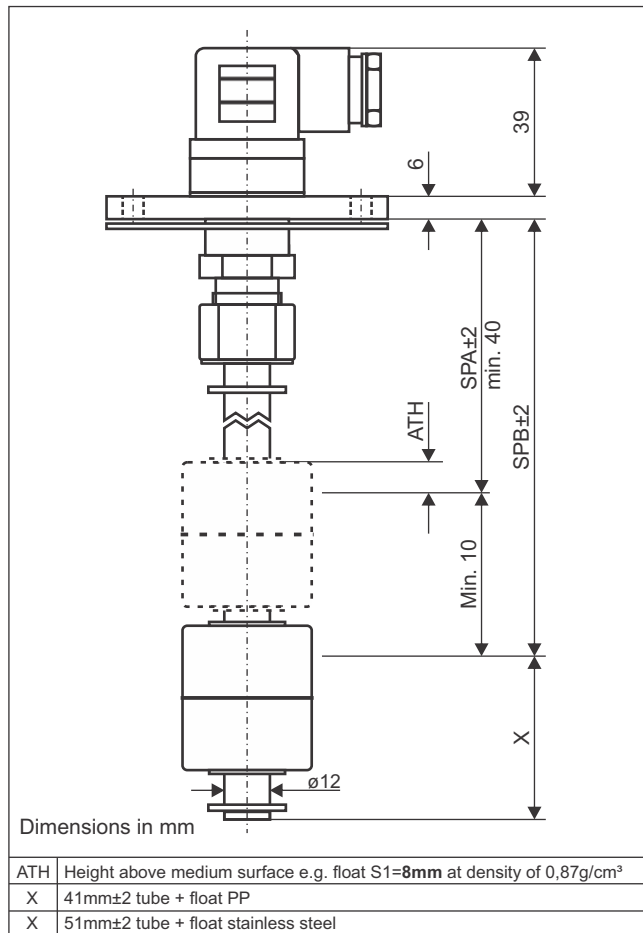
Connection:	plug-type connector right-angled 3-pole + PE, DIN EN 175301-803 (DIN 43650), material PA
Mounting:	flange OD $\varnothing 74$ mm PCD $\varnothing 60$ mm, material alu
Seal:	material NBR
Tube:	$\varnothing 12$ mm, material stainless steel 1.4571
Float:	$\varnothing 35 \times 40$ mm, material PP, type S1 $\varnothing 45 \times 52$ mm, material stainless steel 1.4571, type S4 $\varnothing 52$ mm, material stainless steel 1.4571, type S7
Level-switching points:	reed contacts, max. 1x n.o. contact/n.c. contact or 1x change-over contact
Temp. switching point (TP):	switching function: n.c. contact, standard-switching point (TP) 60°C to 80°C; other TP on demand precision $\pm 5^\circ\text{C}$, smaller tolerances on request reset temperature = TP - 30°C $\pm 15^\circ\text{C}$
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

Data sheet

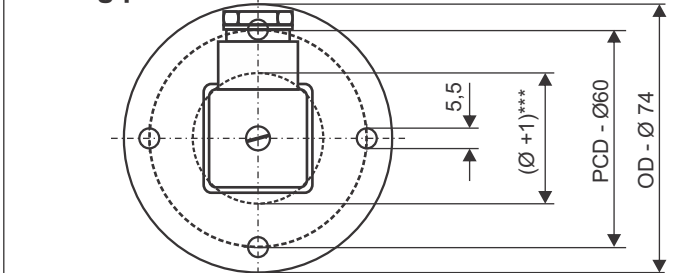
Float switch brass design 21

in combination with temperature switch

Type: SSM...21...T



Drilling pattern



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

Order key

Float switch SS

Tube M - brass

1 - No. of contact (max. 1)

B - switching contact 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

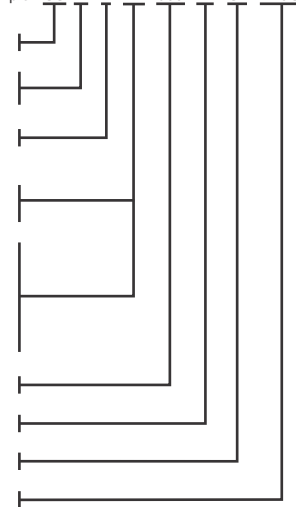
300 - switching point B e.g. SPB4 = 300mm

21 - design

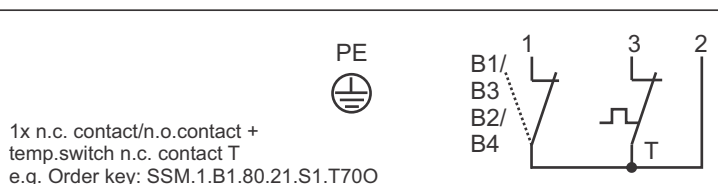
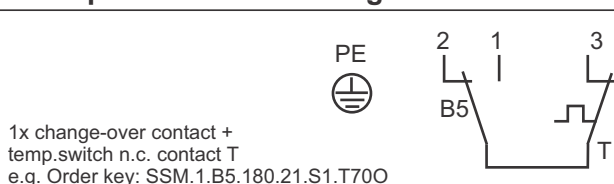
S1 - float type - see technical data

T... O - temperature switch n.o. contact

Example: SS M. 1. B4. 300. 21. S1. T700



Examples for terminal diagrams



Technical data

Connection:

plug-type connector right-angled 3-pole + PE, DIN EN 175301-803 (DIN 43650), material PA

Mounting:

flange OD Ø74mm PCD Ø60mm, material alu

Seal:

material NBR

Tube:

Ø12mm, material brass

Float:

Ø35x40mm, material PP, type S1

Ø40x40mm, material PP, type S2

Ø40x30mm, material PP, type S3

Ø45x52mm, material stainless steel 1.4571, type S4

Level-switching points:

reed contacts, max. 1x n.o. contact/n.c. contact or 1x change-over contact

Temperature switch (TP):

switching function: n.c. contact, standard-switching point (TP) 60°C to 80°C; other TP on demand
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

Operating temperature:

-20°C to 80°C in medium, -20°C to 70°C above mounting

Protection rating:

IP 65

Subject to change