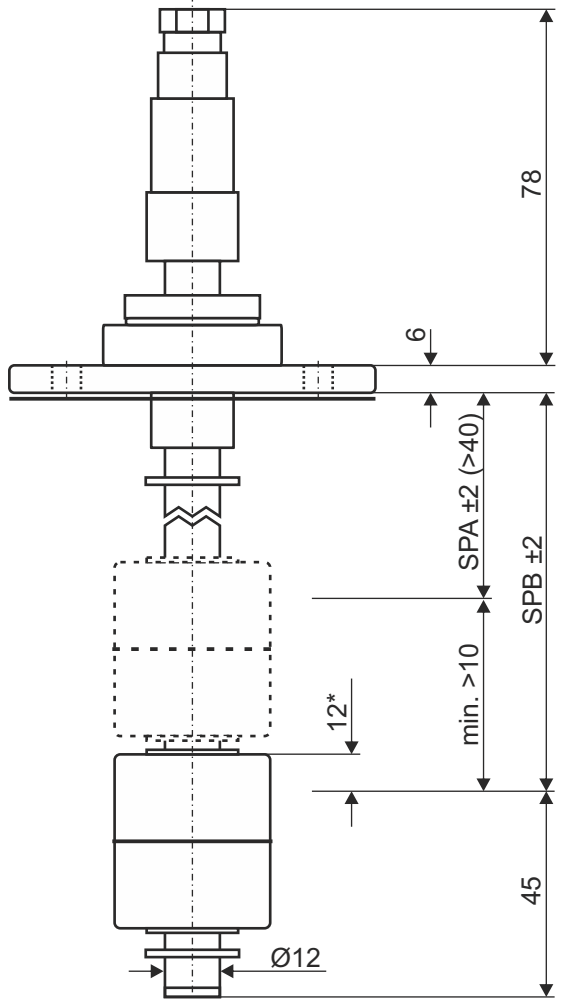


Data sheet

Float switch stainless steel design 45 in combination with temperature switch

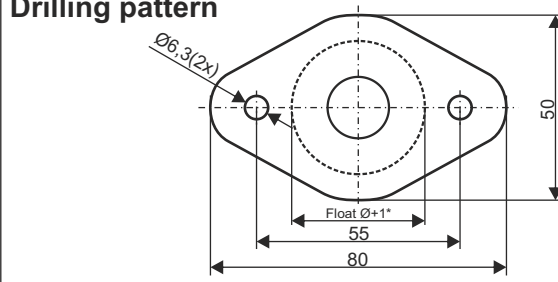
Type: SSE...45...T...



*Height above medium surface e.g. for float type S4 at density of 0,997g/cm³

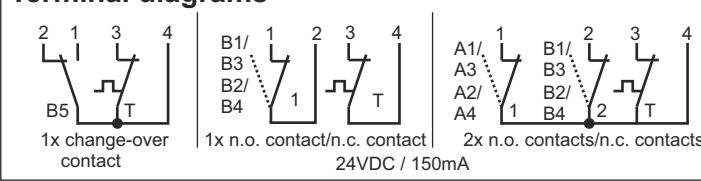
Dimensions in mm

Drilling pattern



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

Terminal diagrams



1x change-over contact
1x n.o. contact/n.c. contact
2x n.o. contacts/n.c. contacts
24VDC / 150mA

Order key

Example : **SS E. 1. B3. 50. 45. S1. T700**

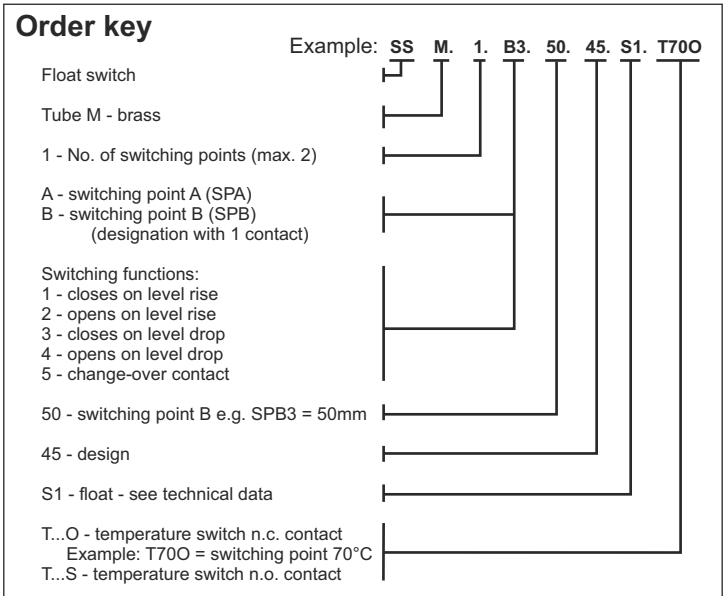
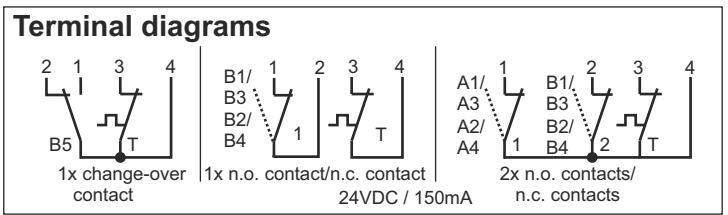
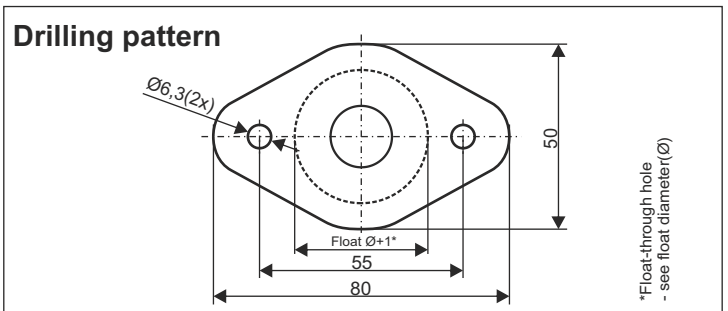
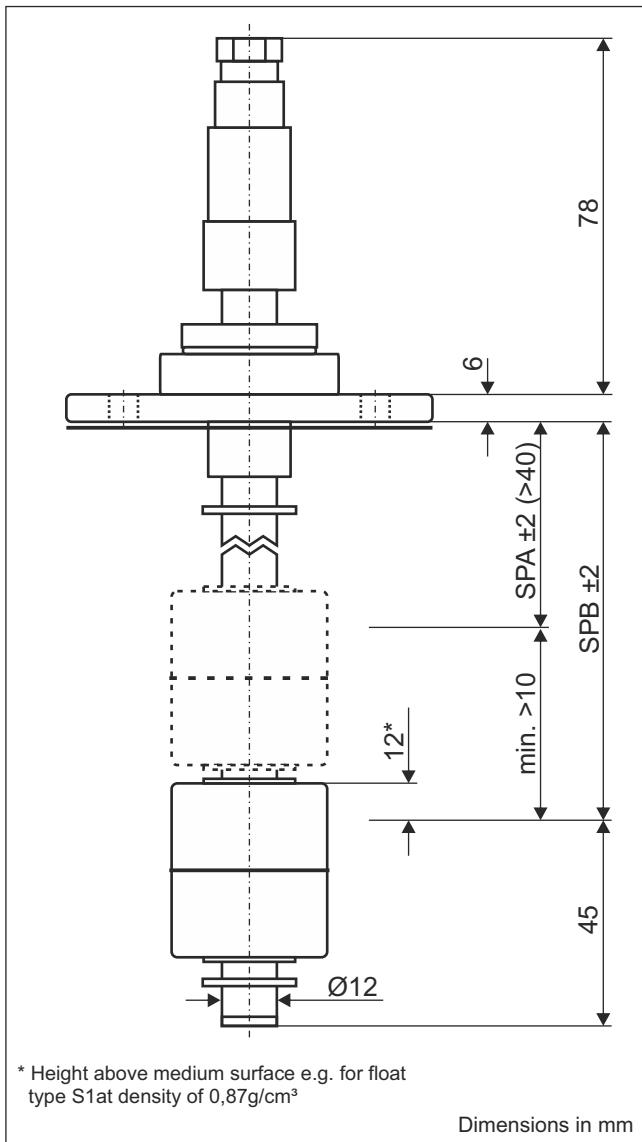
- Float switch
- Tube E - stainless steel
- 1 - no. of switching points (max. 2)
- A - switching point A (SPA)
B - switching point B (SPB)
- Switching functions:
1 - closes on level rise
2 - opens on level rise
3 - closes on level drop
4 - opens on level drop
5 - change-over contact
- 50 - switching point B e.g. SPB3 = 50mm
- 45 - design
- S1 - float - see technical data
- T...O - temperature switch n.c. contact
e.g. T700 = switching point 70°C
- T...S - temperature switch n.o. contact

Technical data	
Connection:	plug-type connector M12x1 4-pole/5-pole depending on function with connector socket, material PA
Mounting:	oval flange 80x50mm, material PA
Seal:	material NBR
Tube:	Ø12mm, material stainless steel 1.4571
Float:	Ø35x40mm, material PP, type S1 Ø45x52mm, material stainless steel 1.4571, type S4
Switching points:	reed contacts, max. 2x n.o. contacts/n.c. contacts or 1x change-over contact,
Temperature switch:	bi-metal, switching function: n.o. contact/n.c. contact temperature range: 60°C to 140°C precision: ±5°C, smaller tolerance on request reset-temperature: temp.-switching point -30°C ± 15°C
Switching capacity:	24VDC / 150mA
Pressure:	max. 1 bar, with stainless steel float max. 25bar
Operating temperature:	-20°C to 100°C in medium, -20°C to 70°C above mounting (with stainless steel) -20°C to 80°C in medium, -20°C to 70°C above mounting (with PP)
Protection rating:	IP 65

Data sheet

Float switch brass design 45 in combination with temperature switch

Type: SSM...45...T...



Technical data	
Connection:	plug-type connector M12x1 4-pole/5-pole depending on function with connector socket, material PA
Mounting:	oval-flange 80x50mm, material PA
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
Switching points:	reed contacts, max. 2x n.o. contacts/n.c. contacts or 1x change-over contact,
Temperature switch:	bi-metal, switching function: n.o. contact/n.c. contact temperature range: 60°C to 80°C; other TP on demand precision: ±5°C, smaller tolerances on request reset-temperature: temp.-switching point -30°C ± 15°C
Switching capacity:	24VDC / 150mA
Pressure:	atmospheric
Operating temperature:	-20°C to 80°C in medium, -20°C to 70°C above mounting
Protection rating:	IP 65