

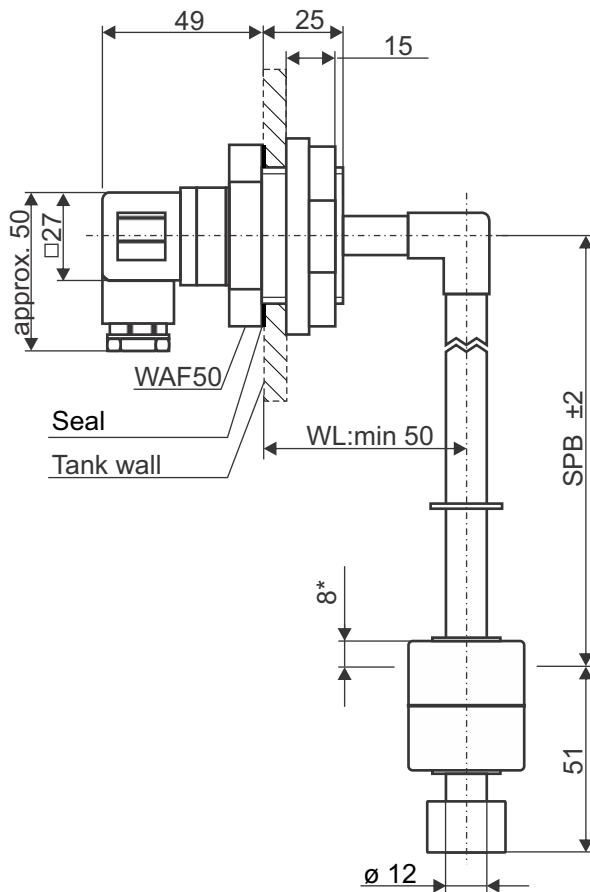
# Data sheet

## Float switch plastic design 4

### in combination with temperature switch

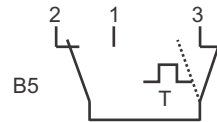
#### for mounting tank walls

### Type: SSP...4...T

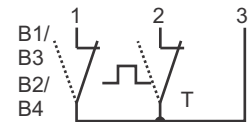


\* Height above medium surface for float type S1 at density of 0,87g/cm<sup>3</sup>

#### Examples for terminal diagrams



1 x change-over contact + temp. switch  
e.g. Order key:  
SSP.1.B5.180.4.S1.T60S



1x n.o. contact/n.c. contact + temp. switch  
e.g. Order key:  
SSP.1.B3.200.4.S1.T70S

#### Order key

Example: SS P. 1. B2. 500. WL50. 4. S1. T700

Float switch

Tube P - PVC

No of contacts (max. 1)

B - switching point B (designation with 1 contact)

Switching functions:  
1 - closes on level rise  
2 - opens on level rise  
3 - opens on level drop  
4 - opens on level drop  
5 - change-over contact

500 - switching point B e.g. SPB2 = 500mm

WL50 - angle length e.g. 50mm

4 - design

S1 - float - see techn. data

T...O - temperature switch n.c. contact  
Example: T700 = switching point 70°C  
T...S - temperature switch n.o. contact  
- see techn. data

#### Technical data

|                                       |                                                                                                                                                                                                                           |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connection:                           | plug-type connector 3-pole + PE, DIN EN 175301-803 (DIN 43650), material PA                                                                                                                                               |
| Mounting:                             | screwed connection 1 1/4", material PVC<br>further mountings on request                                                                                                                                                   |
| Seal:                                 | material EPDM                                                                                                                                                                                                             |
| Tube:                                 | Ø12mm, material PVC                                                                                                                                                                                                       |
| Float:                                | Ø35x40mm, material PP, type S1                                                                                                                                                                                            |
| Switching points:                     | reed contacts, max. 1x n.o. contact/n.c. contact or 1x change-over contact                                                                                                                                                |
| Temperature switch:                   | bi-metall, switching function: n.o. contact/n.c. contact<br>temperature range: 60°C to 80°C, further on request<br>precision: ±5°C, smaller tolerances on request<br>reset-temperature: temp.-switching point -30°C ±15°C |
| Switching voltage, current, capacity: | 230 VAC, 1A, 60VA                                                                                                                                                                                                         |
| Pressure:                             | atmospheric                                                                                                                                                                                                               |
| Operating temperature:                | -10°C to 60°C in medium; -20°C to 70°C above mounting                                                                                                                                                                     |
| Protection rating:                    | IP 65                                                                                                                                                                                                                     |