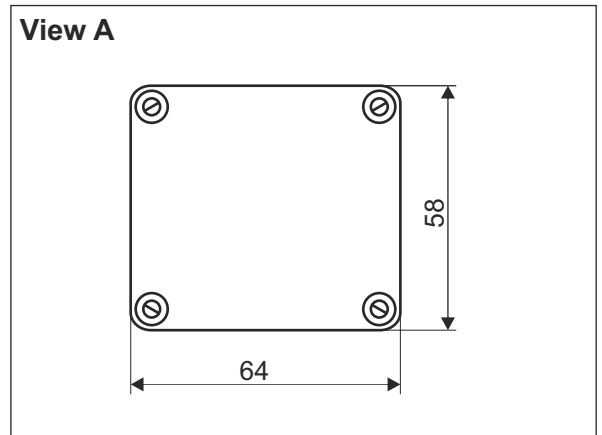
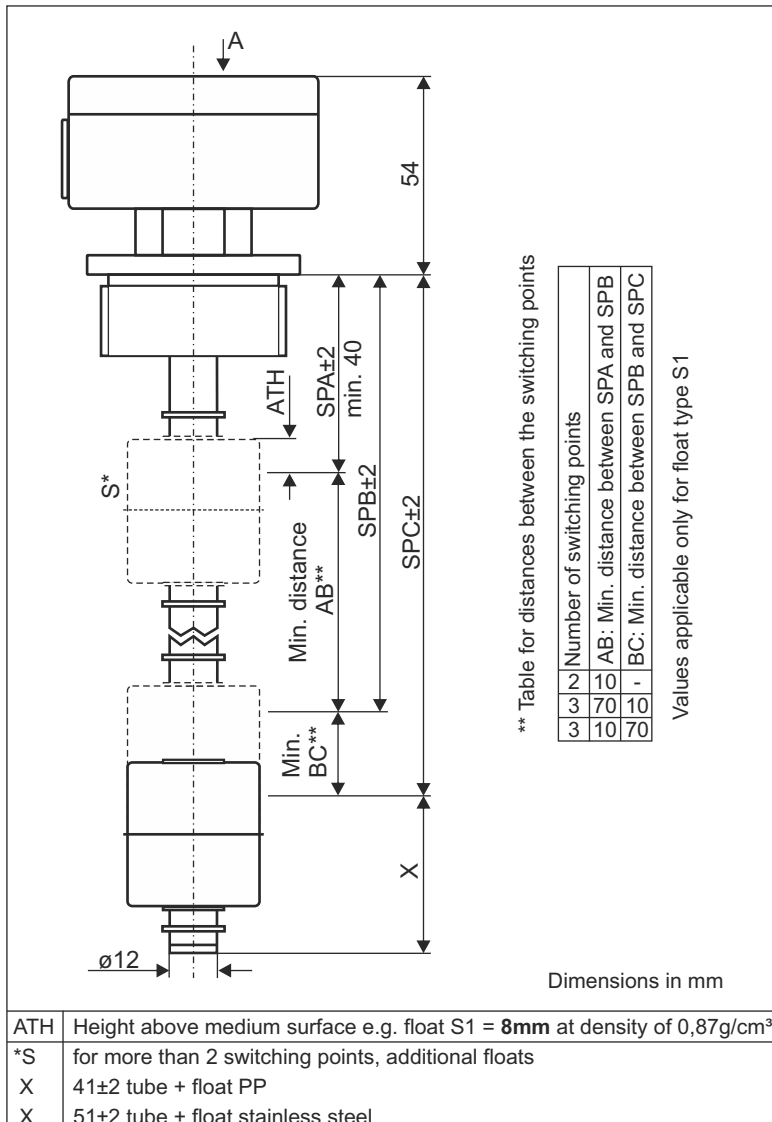


# Data sheet

## Float switch brass design 7 in combination with temperature sensor PT100

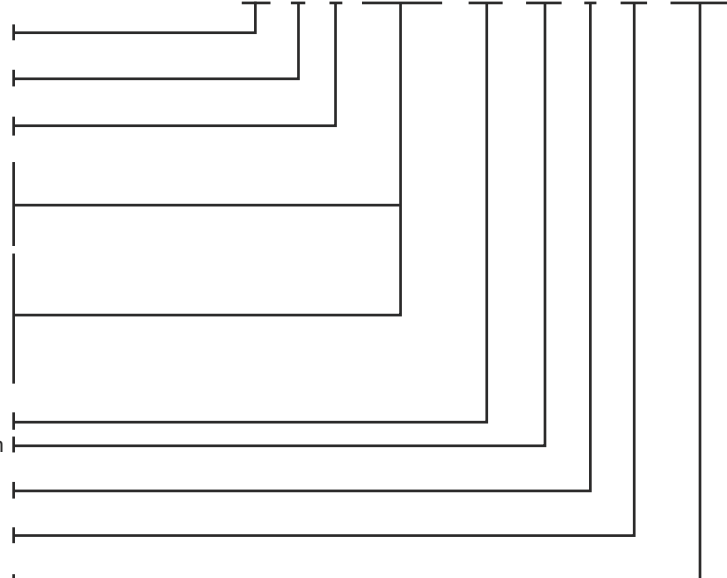
### Type: SSM...7...PT100



### Order key

- Float switch SS
- tube M - brass
- 2 - no of contacts (max. 3)
- A - switching point A above
- B - switching point B
- (design with 1 contact)
- C - switching point C
- 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
- 150 - switching point A e.g. SPA2 = 150mm
- 500 - switching point B e.g. SPB3 = 500mm
- 7 - design
- S1 - float type - see technical data
- PT100 - temperature sensor

Example for 2 switching points: **SS M. 2. A2. B3. 150. 500. 7. S1. PT100**



# Data sheet

## Float switch brass design 7

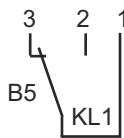
### in combination with temperature sensor PT100

#### Type: SSM...7...PT100

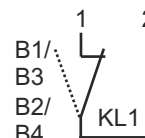
#### Technical data

Connection:	terminal connection 1,5mm <sup>2</sup> in the housing cable entry at the housing M16x1,5, material alu, colour grey
Mounting:	11/2" thread, material alu
Tube:	ø12mm, material brass
Float:	ø35x40mm, material PP, type S1 ø40x40mm, material PP, type S2 ø40x27mm, material PP, type S3 ø44x53mm, material stainless steel 1.4571, type S4
Switching points:	reed contacts, max. 3x n.o. contacts/n.c. contacts or change-over contact, further reed contacts on request
Temperature sensor:	platinum measuring resistor PT100 acc. DIN 60751 in 2-, 3- and 4-wire technology
Tolerance class:	DIN EN 60751, class B
Nominal resistance:	100 Ohm with 0°C
Temperature coefficient:	3850ppm/K
Switching voltage, current, capacity:	24VDC, 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to 80°C in medium, -20°C to 70°C above mounting
Protection rating:	IP 65

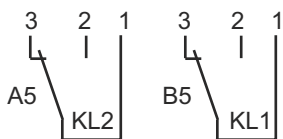
#### Example for terminal diagrams



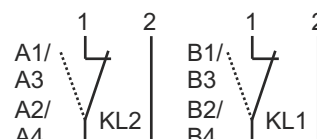
1x change-over contact + temperature sensor  
Example order key:  
SSM.1.B5.80.7.S1.PT100



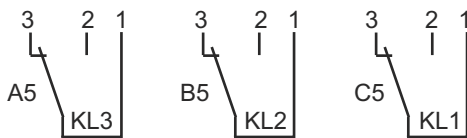
1x n.o. contact/n.c. contact + temperature sensor  
Example order key:  
SSM.1.B1.80.7.S1.PT100



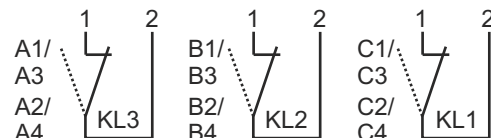
2x change-over contacts + temperature sensor  
Example order key:  
SSM.2.A5.B5.50.85.7.S1.PT100



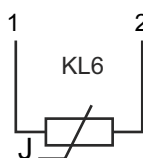
2x n.o. contacts/n.c. contacts + temperature sensor  
Example order key:  
SSM.2.A2.B3.60.90.7.S1.PT100



3x change-over contacts + temperature sensor  
Example order key:  
SSM.3.A5.B5.C5.110.370.850.7.S1.PT100

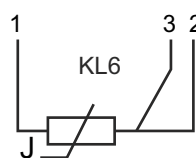


3x n.o. contacts/n.c. contacts + temperature sensor  
Example order key:  
SSM.3.A4.B2.C1.90.270.1020.7.S1.PT100



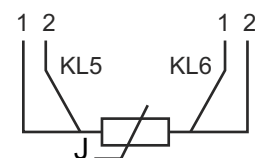
PT100  
2-wire technology

or



PT100  
3-wire technology

or



PT100  
4-wire technology