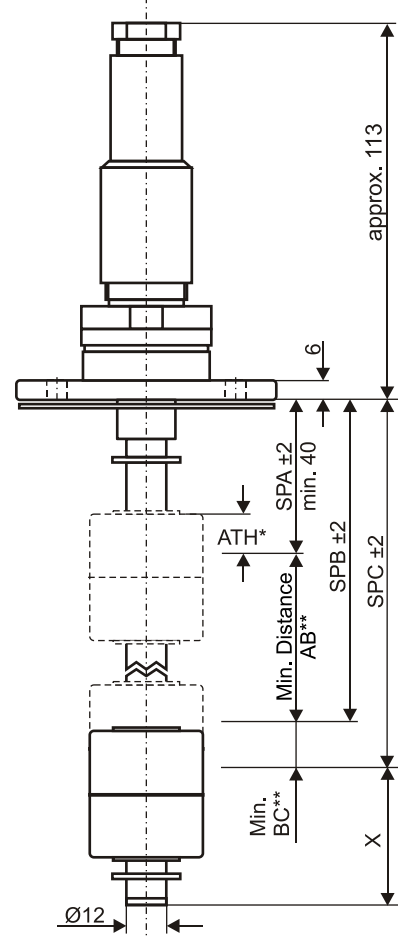


# Data sheet

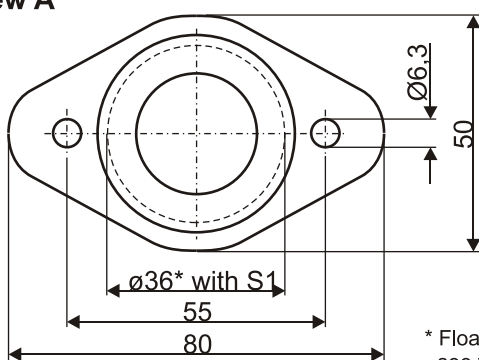
## Float switch stainless steel design 10 in combination with temperature sensor PT100

### Type: SSE...10...PT100



Dimensions in mm

#### View A



\* Float-through hole - see float diameter ø

#### Order key

Example: **SS E. 3. A1.B3. 50.350. 10. S4. PT100**

Float switch	SS
Tube E - stainless steel	E.
No. of contacts	3.
A - switching point A (SPA) above	A1.
B - switching point B (SPB)	B3.
(designation with 1 contact)	
C - switching point C (SPC)	
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 SPA e.g. 50mm	50.
350 - switching point SPB e.g. 350mm	350.
10 - design	10.
S4 - float	S4.
PT100 - temperature sensor	PT100

#### Table for distance 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 float type S1

\*ATH = Height above medium surface e.g. float S4 = 12mm at density of 0,997g/cm<sup>3</sup>  
X = 41±2 tube + float PP S1  
X = 51±2 tube + float stainless steel S4

Technical data	
Connection:	plug-type connector 7-pole + PE accord. to DIN EN 175201-804, material PA
Mounting:	oval flange 80x50mm, material PA
Seal:	material NBR
Tube:	ø12mm, material stainless steel 1.4571
Float:	ø35x40mm, material PP, type S1 ø44x53mm, material stainless steel 1.4571, type S4
Level-switching points:	reed contacts, max.3x n.o. contacts/ n.c. contacts; max. 2x change-over contact further reed contacts on demand
Switching voltage, current, capacity:	230VAC, 1A, 60VA
Temperature sensor:	platinum resistor PT100 accord. to DIN 60751 in 2-, 3- and 4-wire technic
Tolerance class:	DIN EN 60751, class B
Nominal resistance:	100 Ohm at 0°C
Temperature coefficient:	3850ppm/K
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
Protection rating:	IP 65

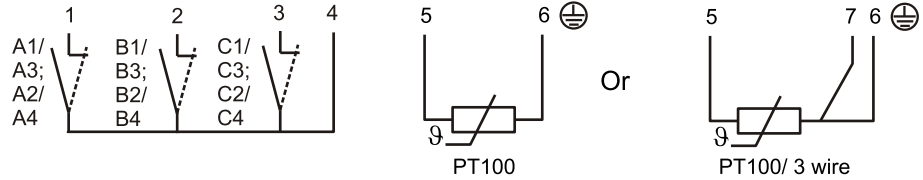
# Data sheet

## Float switch stainless steel design 10 in combination with temperature sensor PT100

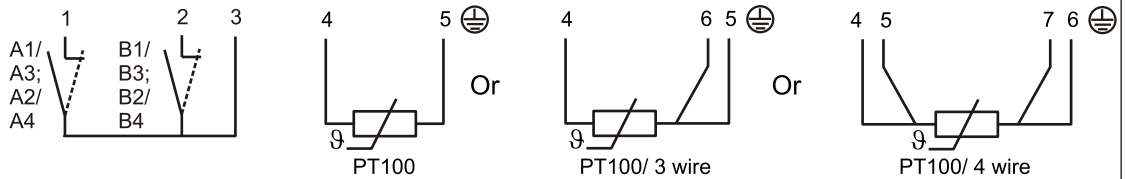
### Type: SSE...10...PT100

#### Terminal diagrams

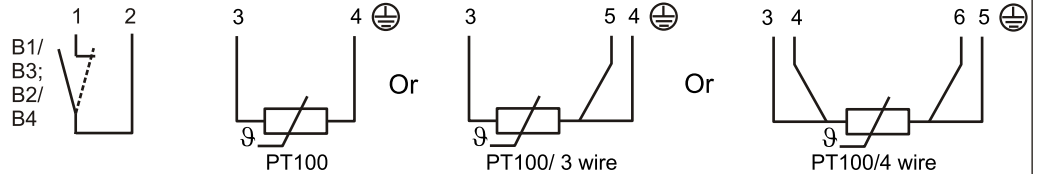
Level  
3x n.o. contacts/n.c. contacts  
and  
2-wire technic,  
3-wire technic



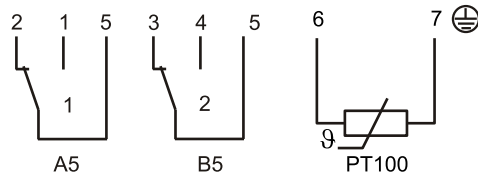
Level  
3x n.o. contacts/  
n.c. contacts and  
2-wire technic,  
3-wire technic,  
4-wire technic



Level  
1x n.o. contact/  
n.c. contact and  
2-wire technic,  
3-wire technic,  
4-wire technic



Level  
2x change over contact  
and  
2-wire technic



Level  
1x change over contact  
and  
2-wire technic,  
3-wire technic,  
4-wire technic

