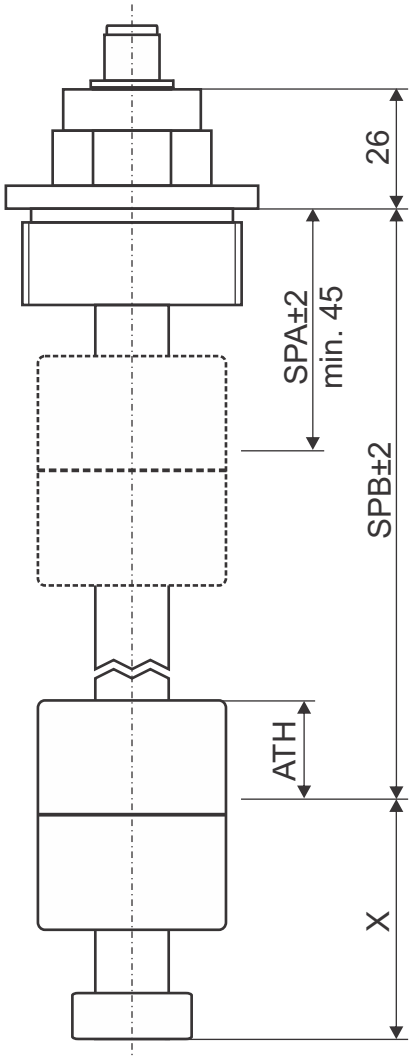
Data sheet
Float switch plastic design 98
in combination with temperature sensor PT100
Type: SSP...98...PT100



Float	Dim. X	ATH at density of 0,997g/cm³
PP S17	50±2	23
PVC S25	60±2	8
PVDF S19	60±2	8

Order key

Example for 2 switching points: **SS PP. 2. A2. B3. 50. 500. 98. S17. PT100**

Float switch SS

Tube PP - polypropylene
PVC - polyvinylchloride
PVDF - polyvinylidene fluoride

2 - no of contacts (max. 3)

A - switching point A above
B - switching point B
(designation with 1 contact)
C - switching point C
Switching function:
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 A e.g. SPA2 = 50mm
500 - switching point B e.g. SPB3 = 500mm

98 - design

S17 - float type - see technical data

Temperature sensor - PT100 2- wire
PT103 3- wire
PT104 4- wire

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Subject to change
Dimensions in mm

Data sheet
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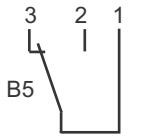
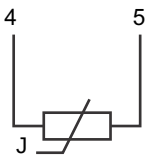
Example for terminal diagrams

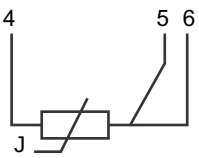


1x change-over contact + temp. sensor
example order key:
SSP.1.B5.80.98.S45.PT100



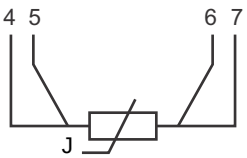
PT100
2-wire technology

or

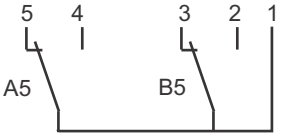


PT100
3-wire technology

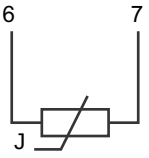
or



PT100
4-wire technology

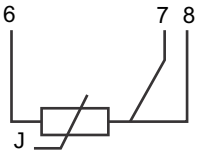


2x change-over contact + temp. sensor
example order key:
SSP.2.A5.B5.50.85.98.S17.PT100

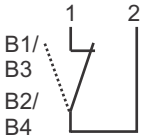


PT100
2-wire technology

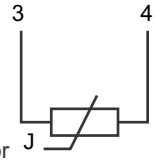
or



PT100
3-wire technology

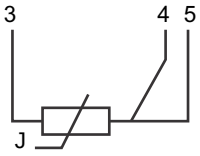


1x n.o. contact/n.c. contact + temp. sensor
example order key:
SSP.1.B1.80.98.S17.PT100



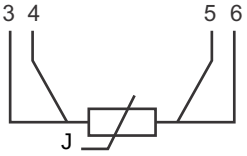
PT100
2-wire technology

or

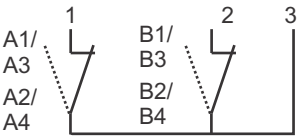


PT100
3-wire technology

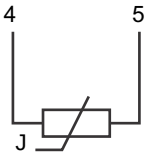
or



PT100
4-wire technology

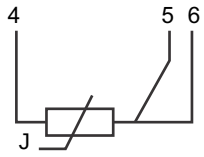


2x n.o. con./n.c. contacts + temp. sensor
example order key:
SSP.1.B1.80.98.S17.PT100



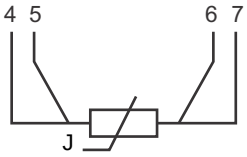
PT100
2-wire technology

or

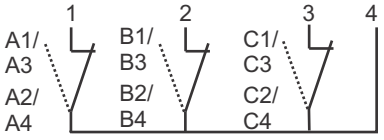


PT100
3-wire technology

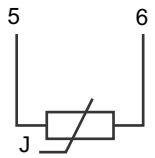
or



PT100
4-wire technology

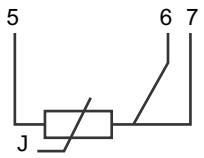


3x n.o. con./n.c. contacts + temp. sensor
example order key:
SSP.1.B1.80.98.S17.PT100



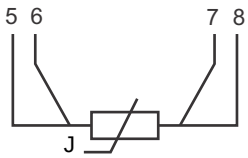
PT100
2-wire technology

or



PT100
3-wire technology

or



PT100
4-wire technology

Technical data

Connection:	plug-type connector M12x1 4-, 6- or 8- pole, material TPU, aluminium
Mounting:	thread 1 1/2”, material PP, PVC or PVDF
Tube:	Ø16mm, length according to specification, material PP, PVC or PVDF
Float:	Ø41x50mm, material PP, type S17 Ø41x48mm, material PVC, type S25 Ø41x50mm, material PVDF, type S19
Level switching points:	reed contacts: max. 3x n.o. contacts/n.c. contacts or 2x change-over contacts
Temperature sensor:	platinum measuring resistor PT100 acc. to DIN 60751 in 2-, 3- or 4-wire technology
Tolerance class:	DIN EN 60751, class B
Nominal resistance:	100 Ohm at 0°C
Temperature coefficient:	3850ppm/K
Switching voltage, current, capacity:	24VDC, 150mA
Pressure:	max. 5 bar
Operating temperature:	-20°C to 80°C in medium, -20°C to 70°C above mounting (PP), -10°C to 60°C in medium, -10°C to 60°C above mounting (PVC), -20°C to 100°C in medium, -20°C to 70°C above mounting (PVDF)
Protection rating:	IP 65

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Subject to change
Dimensions in mm