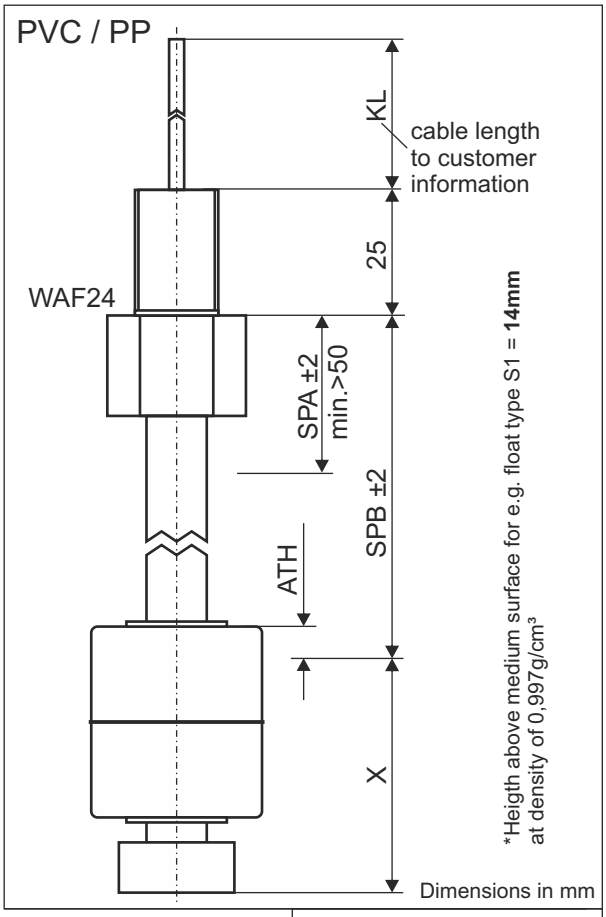
Data sheet
Float switch plastic design 2
Type: SSP...2...

Device with temperature sensor or temperature switch combinable, see also level / temperature measurement technology combined

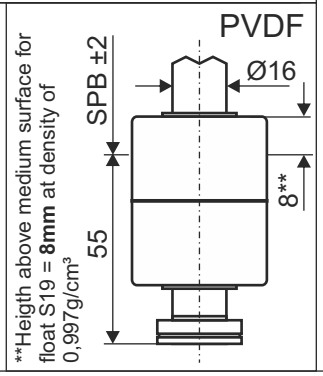


	Float		
	S1	S2	S3
ATH	14	21	16

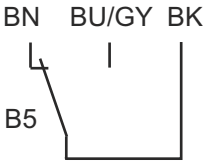
at density of 0,997g/cm³

		Float		
		S1	S2	S3
X	PP	53	53	48
	PVC	48	48	21

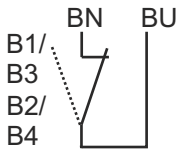
at density of 0,997g/cm³



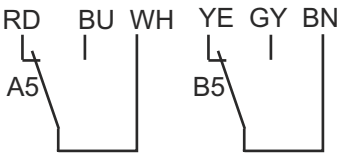
Terminal diagrams



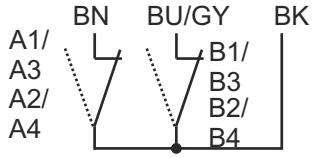
1 x change-over contact;
e.g.: SSP.2.B5.50.2.S1



1 x n.o. contact/n.c. contact;
e.g.: SSP.2.B3.50.2.S1



2 x change-over contacts;
e.g.:
SSP.2.A5.B5.50.500.2.S1



2 x n.o. contacts/n.c. contacts;
e.g.:
SSP.2.A2.B3.50.500.2.S1

Order key

Example for 2 switching points: **SS P. 2. A2.B3. 50.500. 2. S1. KL1000**

Float switch SS

Tube P - polyvinyl chloride (PVC)
PP - polypropylene
PF - polyvinylidene fluoride (PVDF)

2 - no. of contacts (max. 2)

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

2 - design

S1 - float - see technical data

KL - cable length 1000mm

Technical data

Connection:	standard: oil-resistant cable, length KL 1000mm; other cable types and lengths on demand
Mounting:	thread R3/8", material PVC, PP or PVDF
Tube:	Ø12mm material PVC, PP Ø16mm material PVDF
Float:	Ø35x40mm, material PP type S1 Ø40x40mm, material PP, type S2 Ø40x30mm, material PP, type S3 Ø41x50mm, material PVDF, type S19 only in combination with PVDF
Switching points:	reed contacts: max. 2x n.o.contacts / n.c. conatcts / change-over contacts
Switching capacity:	max. 24 VDC / 150mA
Pressure:	max. 1 bar
Operating temperature:	-10°C to 60°C in medium; -10°C to 60°C above mounting (with PVC) -20°C to 80°C in medium, -20°C to 70°C above mounting (with PP) -20°C to 100°C in medium, -20°C to 70°C above mounting (with PVDF)
Protection rating:	IP 65

Subject to change