

Data sheet

Float switch design 152

Type: SSP...152...

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

* ATH=Height above medium surface e.g. float type S41 =8mm at density of 0,997g/cm³
X= 60 at design PVDF
X= 45 at design PP

Dimension mm

Order key

Example for 2 switching points: **SS PP. 2. A2. B3. 50. 500. 152. S45**

Float switch SS
Tube PP - Polypropylen
PVDF - Polyvinylidenflourid

2 - no. of contacts (max. 3)

A - contact A top
B - contact B
(designation with 1 contact)
C - contact C

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

152 - design
float -S45, S41
- see technical data

Examples for terminal diagrams

<p>1 x change-over contact e.g. Order key: SSPP.1.B5.180.152.S45</p>	<p>1 x n.o. contact/n.c. contact e.g. Order key: SSPP.1.B1.80.152.S45</p>
<p>2 x change-over contacts e.g. Order key: SSPP.2.A5.B5.100.250.152.S45</p>	<p>2 x n.o. contacts/n.c. contacts e.g. Order key: SSPP.2.A2.B3.60.200.152.S45</p>
<p>3 x change-over contacts e.g. Order key: SSPP.3.A5.B5.C5.110.370.850.152.S45</p>	<p>3 x n.o. contacts/n.c. contacts e.g. Order key: SSPP.3.A4.B2.C1.90.270.1020.152.S45</p>

Technical data

Connection:	terminal connection in the housing 1.5mm ² , cable entry at the housing M16x1,5, housing material PP, PVDF
Mounting:	thread 1 1/2", material PP, PVDF
Tube:	Ø16mm, material PP, PVDF
Float:	Ø41x50mm, material PP, type S45 Ø41x50mm, material PVDF, type S41
Switching points:	reed contact, max. 3x n.o. contact/n.c. contact or changeover contact, additional reed contacts available on request
Switching- voltage/ current/ output:	230 VAC, 1A, 60VA
Pressure:	max. 5 bar
Operating temperature:	-20°C to 80°C in medium, -20°C to 70°C above mounting (PP) -20°C to 100°C in medium, -20°C to 70°C above mounting (PVDF)
Protection rating:	IP 65