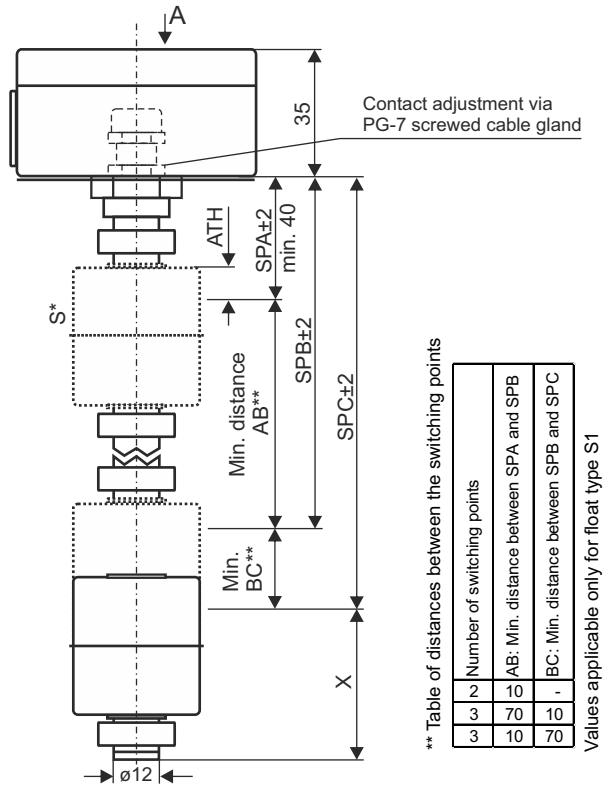
Data sheet
Float switch with cable adjustment design 18
Type: SS...18...

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

Dimensions in mm



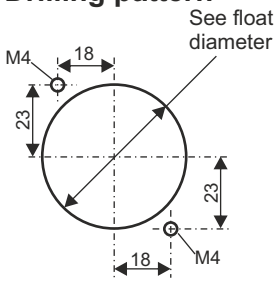
** Table of distances between the switching points

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 S1=**8mm** at density of 0,88g/cm³
*S	if more than 2 switching points, additional floats
X	41±1 sliding tube brass or stainless steel + float PP type S1
X	51±1 sliding tube brass or stainless steel + float stainless steel type S4

Drilling pattern



Switching point adjustment

By loosening the cable gland in the inside of the housing, the contacts can be adjusted. The contacts are brought into the desired position by pulling out the cable.
After tightening the cable gland, the float must also be adjusted to the relevant position by means of the releasable circlips.

Order key

Example for 2 switching points: **SS M. 2. A2. B3. 50. 500. 18. S1**

Float switch SS

Tube M - brass
E - stainless steal

2 -no. of contacts (max. 4)

A - contact A above
B - contact B
(designation with 1 contact)
C - contact C
D - contact D

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

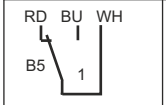
50 - switching point A e.g. SPA2 = 50mm

500 - switching point B e.g. SPB3 = 500mm

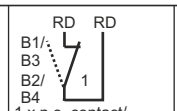
18 - design

S1 - float - see technical data

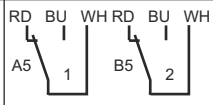
Examples for terminal diagrams



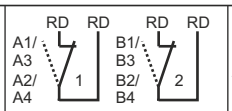
1 x change-over cont.
e.g. Order key:
SSE.1.B5.180.18.S1



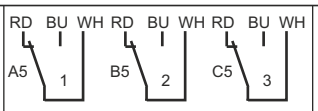
1 x n.o. contact/
n.c. contact
e.g. Order key:
SSE.1.B1.80.18.S1



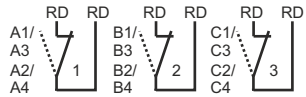
2 x change-over contacts
e.g. Order key:
SSM.2.A5.B5.100.250.18.S1



2 x n.o. contacts/n.c. contacts
e.g. Order key:
SSM.2.A2.B3.60.200.18.S4



3 x change-over contacts
e.g. Order key:
SSM.3.A5.B5.C5.110.370.850.18.S2



3 x n.o. contacts/n.c. contacts
e.g. Order key:
SSM.3.A4.B2.C1.90.270.1020.18.S2

Technical data

Connection:	terminal connection in the housing 1,5mm² cable entry M16x1.5 housing material alu, colour grey
Mounting:	via housing floor - see drilling pattern
Contact adjustment:	via PG-7 srewed cable gland
Seal:	material NBR
Tube:	Ø12mm, material brass, stainless steel 1.4571
Float:	Ø35x40mm, material PP, type S1 Ø40x40mm, material PP, type S2 Ø40x27mm, material PP, type S3 Ø45x52mm, material stainless steel 1.4571, type S4
Switching points:	reed contacts, max. 4x n.o. contacts/n.c. contacts or 3x change-over contacts, other reed contact on request possible
Switching voltage, current, capacity:	230 VAC, 1A, 60VA
Pressure:	max. 1 bar
Operating temperature:	-20°C to 80°C in medium, -20°C to 70°C above mounting
Protection rating:	IP 65

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