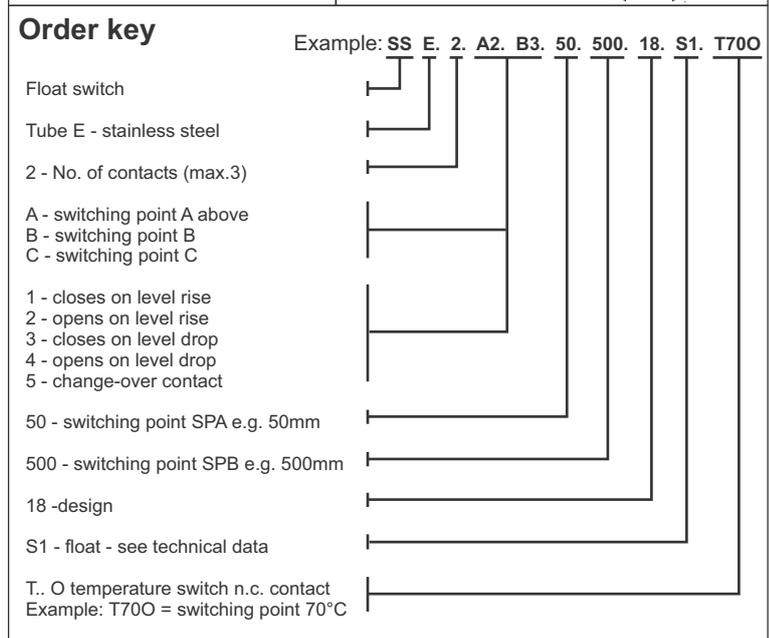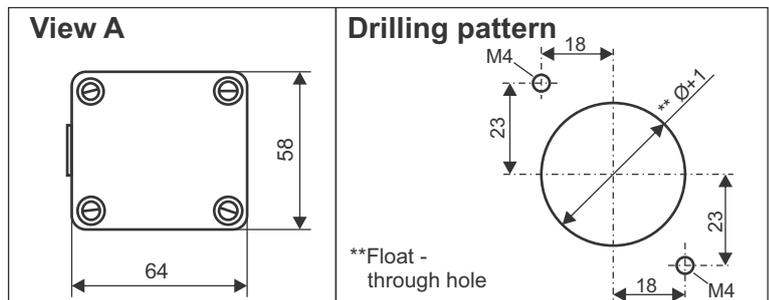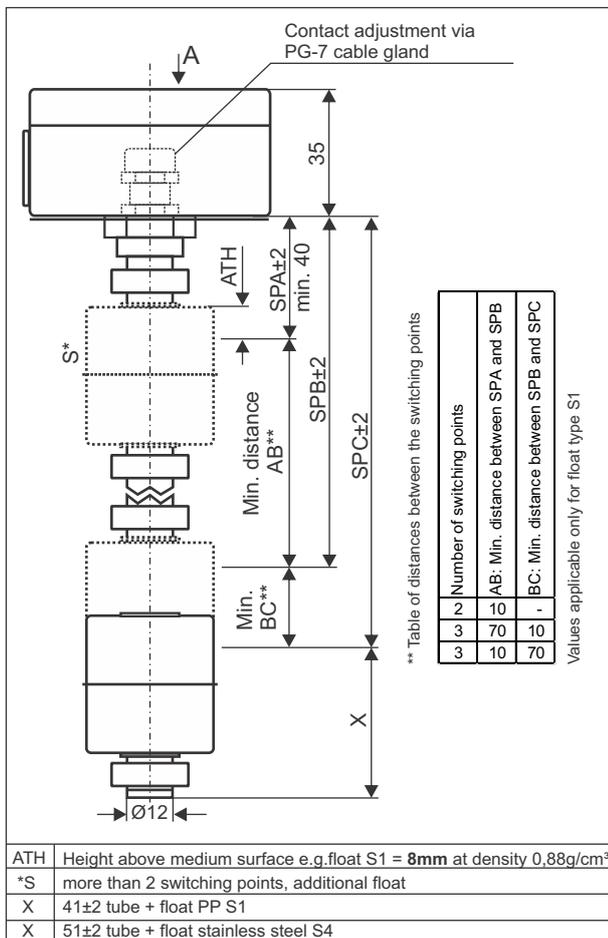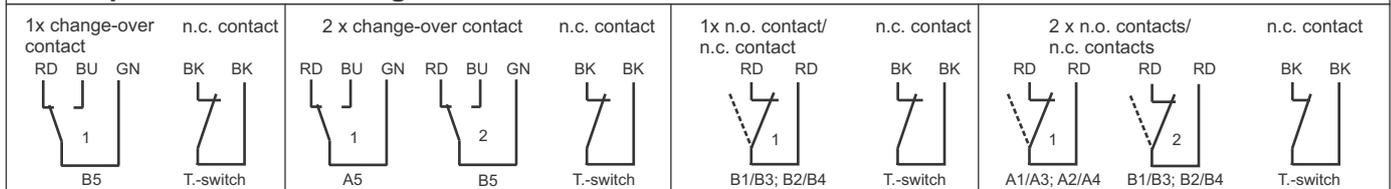# Data sheet
Float switch with cable adjustment design 18
in combination with temperature switch
Type: SSE...18...T

Contact adjustment via PG-7 cable gland

Table of distances between the switching points

** 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 0,88g/cm³
*S	more than 2 switching points, additional float
X	41±2 tube + float PP S1
X	51±2 tube + float stainless steel S4

View A

58

64

Drilling pattern

M4 — 18
23
** Ø+1
23
18 — M4

**Float - through hole

Order key

Example: **SS E. 2. A2. B3. 50. 500. 18. S1. T70O**

Float switch

Tube E - stainless steel

2 - No. of contacts (max.3)

A - switching point A above
B - switching point B
C - switching point C

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

500 - switching point SPB e.g. 500mm

18 - design

S1 - float - see technical data

T.. O temperature switch n.c. contact
Example: T70O = switching point 70°C

Examples for terminal diagrams

1x change-over contact — n.c. contact
RD BU GN — BK BK
1 — B5 — T.-switch

2 x change-over contact — n.c. contact
RD BU GN — RD BU GN — BK BK
1 — A5 — 2 — B5 — T.-switch

1x n.o. contact/ n.c. contact — n.c. contact
RD RD — BK BK
1 — B1/B3; B2/B4 — T.-switch

2 x n.o. contacts/ n.c. contacts — n.c. contact
RD RD — RD RD — BK BK
1 — A1/A3; A2/A4 — 2 — B1/B3; B2/B4 — T.-switch

Technical data

Connection:	terminal connection 1.5mm², in the housing, cable entry at the housing M16x1.5, housing material alu, colour grey
Mounting:	via housing floor - see drilling pattern
Seal:	material NBR
Tube:	Ø12mm, material brass or stainless steel
Float:	Ø35x40mm, material PP, type S1
	Ø40x40mm, material PP, type S2
	Ø40x30mm, material PP, type S3
	Ø45x52mm, material stainless steel, type S4
Reed contacts:	max. 4x n.o. contacts/n.c. contacts or 3x change-over contact
Contact-adjustment:	via PG - thread at the housing
Temperature switch:	technic: bimetal, switching function: normally closed contact
	temp.-range: 60°-140°C
	precision: ±5°C, smaller tolerance on request
	reset-temperature: temp.- Switching point - 30°C±15°C
Switching voltage, current, capacity:	230 VAC, 1A, 60VA
Pressure:	max. 1bar
Operating temperature:	-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 stainless steel)
Protection rating:	IP 65