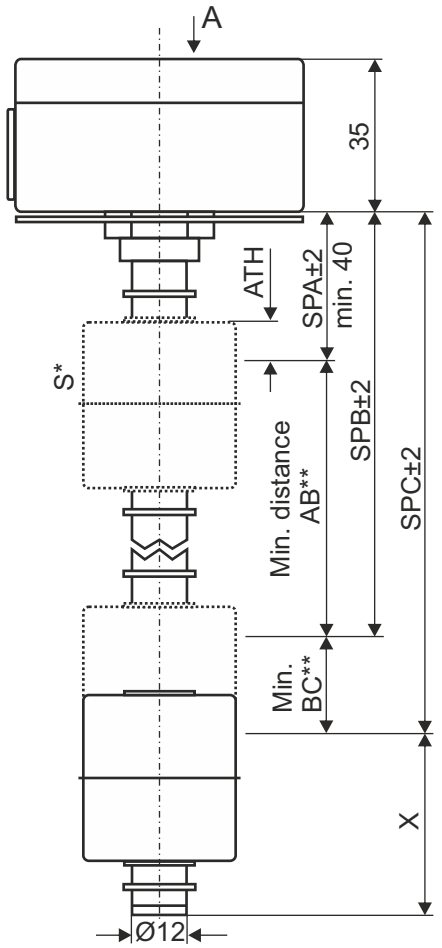
Data sheet
Float switch stainless steel design 1
in combination with temperature switch
Type: SSE...1...T...



** Table for distance between the switching points

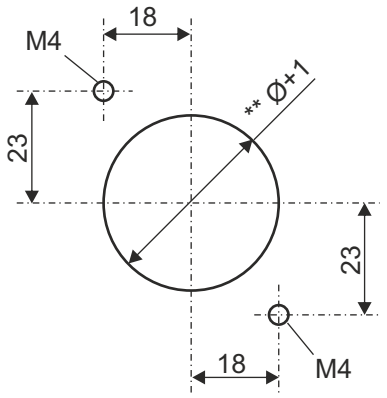
Number of switching points	AB: Min. distance between SPA and SPB	BC: Min. distance between SPB and SPC
2	10	-
3	70	10
3	10	70

Values applicable only for float type S1

Dimensions in mm

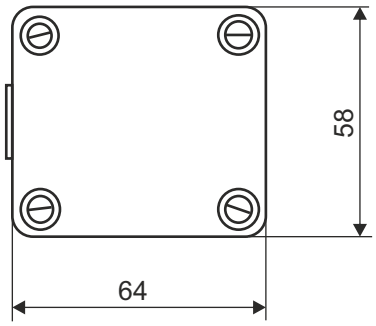
ATH	Height above medium surface e.g float S4 = **12mm** at density of 0,997g/cm³
*S	for more than 2 switching points, additional floats
X	41±2 tube stainless steel + flaot PP
X	51±2 tube stainless steel + flaot stainless steel

Drilling pattern



**Float-through hole

View A



Order key

Example for 2 switching points: **SS E. 2. A2. B3. 50. 500. 1. S4. T70O**

Float switch SS

Tube E - stainless steel

2 - No. of contacts (max. 3)

A - switching point A above
B - switching point B
(designation with 1 contact)
C - switching point 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

1 - design

S4 - float type - see technical data

T... O - temperature switch n.c. contact

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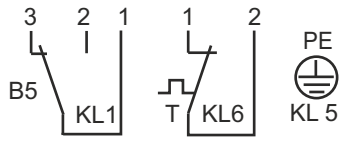
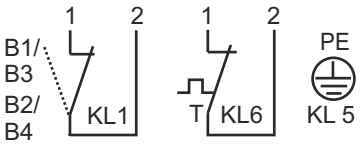
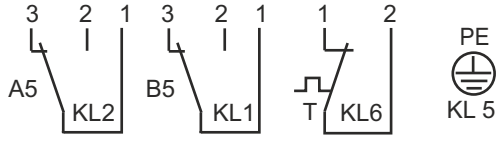
Examples for terminal diagrams



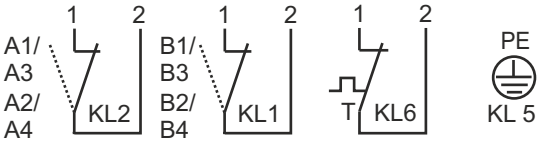
1x change-over contact + temperature switch n.c. contact
e.g. Order key:
SSE.1.B5.80.1.S1.T50O



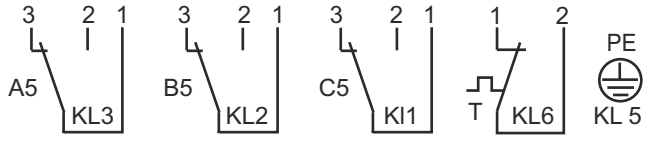
1x n.o. contact/n.c. contact + temperature switch n.c. contact
e.g. Order key:
SSE.1.B1.80.1.S1.T50O



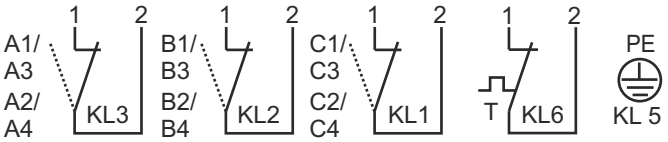
2x change-over contacts + temperature switch n.c. contact
e.g. Order key:
SSE.2.A5.B5.50.85.1.S1.T50O



2x n.o. contacts/n.c. contacts + temperature switch n.c. contact
e.g. Order key:
SSE.2.A2.B3.60.90.1.S4.T50O



3x change-over contacts + temperature switch n.c. contact
e.g. Order key:
SSE.3.A5.B5.C5.110.370.850.1.S1.T50O

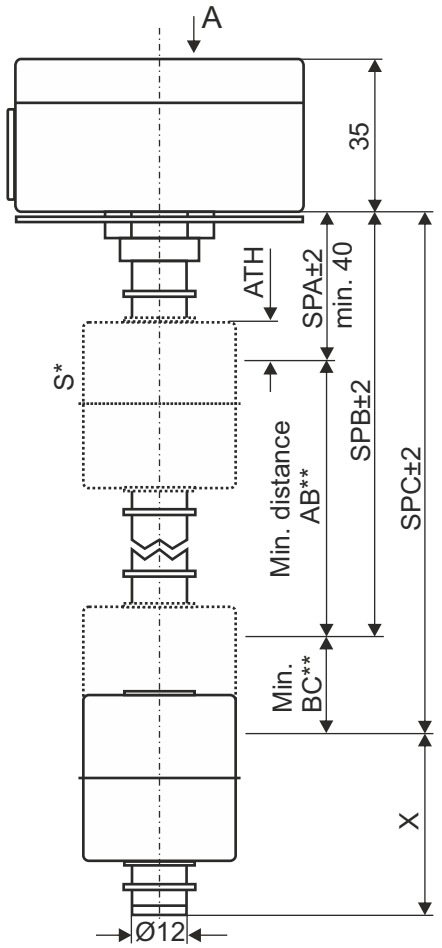


3x n.o. contacts/n.c. contacts + temperature switch n.c. contact
e.g. Order key:
SSE.3.A4.B2.C1.90.270.1020.1.S1.T50O

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 stainless steel 1.4571
Float:	Ø35x40mm, material PP, type S1 Ø45x52mm, material stainless steel 1.4571, type S4 Ø52mm, material stainless steel 1.4571, type S7
Level switching point:	reed contacts: max. 3x n.o. contacts/n.c. contacts or change-over contacts further reed contacts on demand
Temp. switching point (TP):	switching function: n.c. contact, standard-switching point (TP) 60°C to 80°C; further TP on request precision ±5°C, smaller tolerances on request reset-temperature = TP - 30°C ±15°C
Switching capacity	
level:	max. 230VAC / 1A / 60VA
temperature:	max. 230VAC / 1A
Pressure:	max. 1 bar, with stainless steel float max. 25bar
Operating temperature::	-20°C to 80°C in medium, -20°C to 70°C above mounting (with PP float) -20°C to 100°C in medium, -20°C to 70°C above mounting (with stainless steel float)
Protection rating:	IP 65

Data sheet
Float switch brass design 1
in combination with temperature switch
Type: SSM...1...T...



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2	10	-
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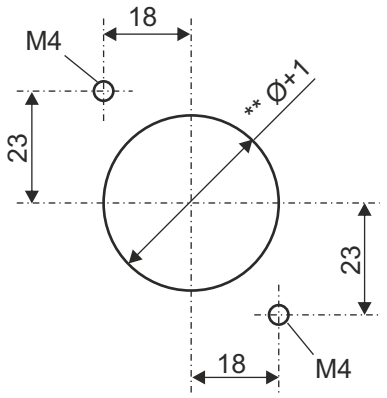
3	10	70

Values applicable only for float type S1

Dimensions in mm

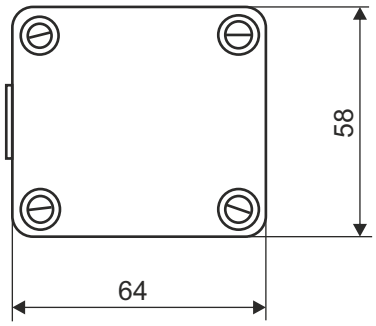
ATH	Height above medium surface e.g. float S1 = **8mm** at density of 0,87g/cm³
*S	For more than 2 switching points, additional floats
X	41±2 tube + float PP
X	51±2 tube + float stainless steel

Drilling pattern



**Float-through hole

View A



Order key

Example for 2 switching points: **SS M. 2. A2. B3. 50. 500. 1. S1. T70O**

Float switch SS

Tube M - brass

2 - no. of contacts (max. 3)

A - switching point A above
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(designation with 1 contact)
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5 - change-over contact

50 - switching point A e.g. SPA2 = 50mm
500 - switching point B e.g. SPB3 = 500mm

1 - design

S1 - float type - see technical data

T... O - temperature switch n.c.contact

Data sheet
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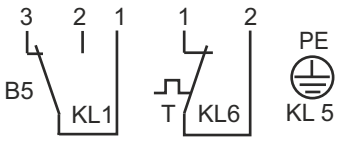
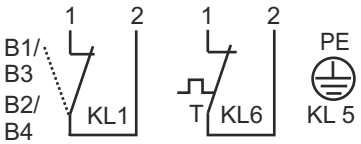
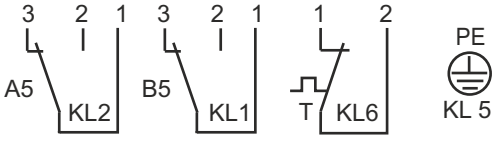
Examples for terminal diagrams



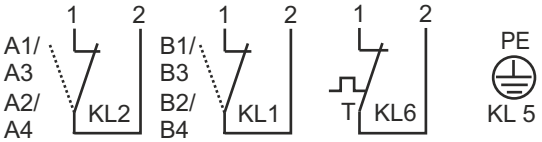
1x change-over contact + temperature switch n.c. contact
e.g. Order key:
SSM.1.B5.80.1.S1.T50O



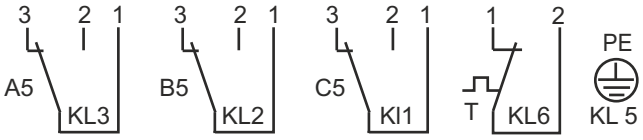
1x n.o. contact/n.c. contact + temperature switch n.c. contact
e.g. Order key:
SSM.1.B1.80.1.S1.T50O



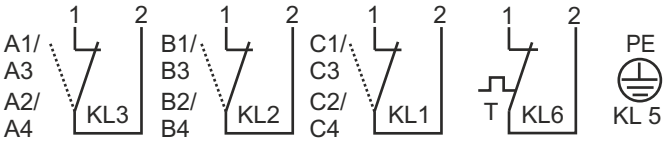
2x change-over contacts + temperature switch n.c. contact
e.g. Order key:
SSM.2.A5.B5.50.85.1.S1.T50O



2x n.o. contacts/n.c. contacts + temperature switch n.c. contact
e.g. Order key:
SSM.2.A2.B3.60.90.1.S4.T50O



3x change-over contacts + temperature switch n.c. contact
e.g. Order key:
SSM.3.A5.B5.C5.110.370.850.1.S1.T50O



3x n.o. contacts/n.c. contacts + temperature switch n.c. contact
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Float:	Ø35x40mm, material PP, type S1 Ø40x40mm, material PP, type S2 Ø40x30mm, material PP, type S3 Ø45x52mm, material stainless steel 1.4571, type S4
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Protection rating:	IP 65