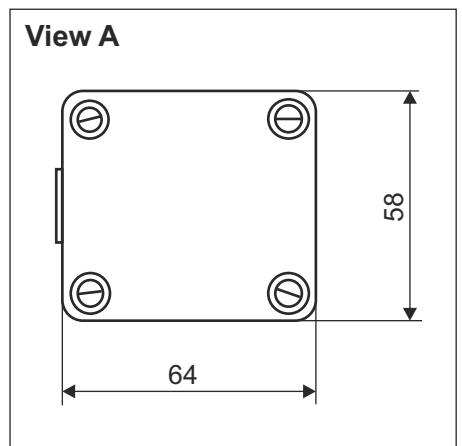
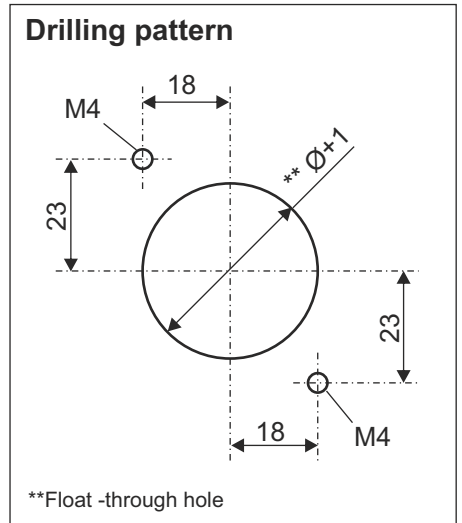
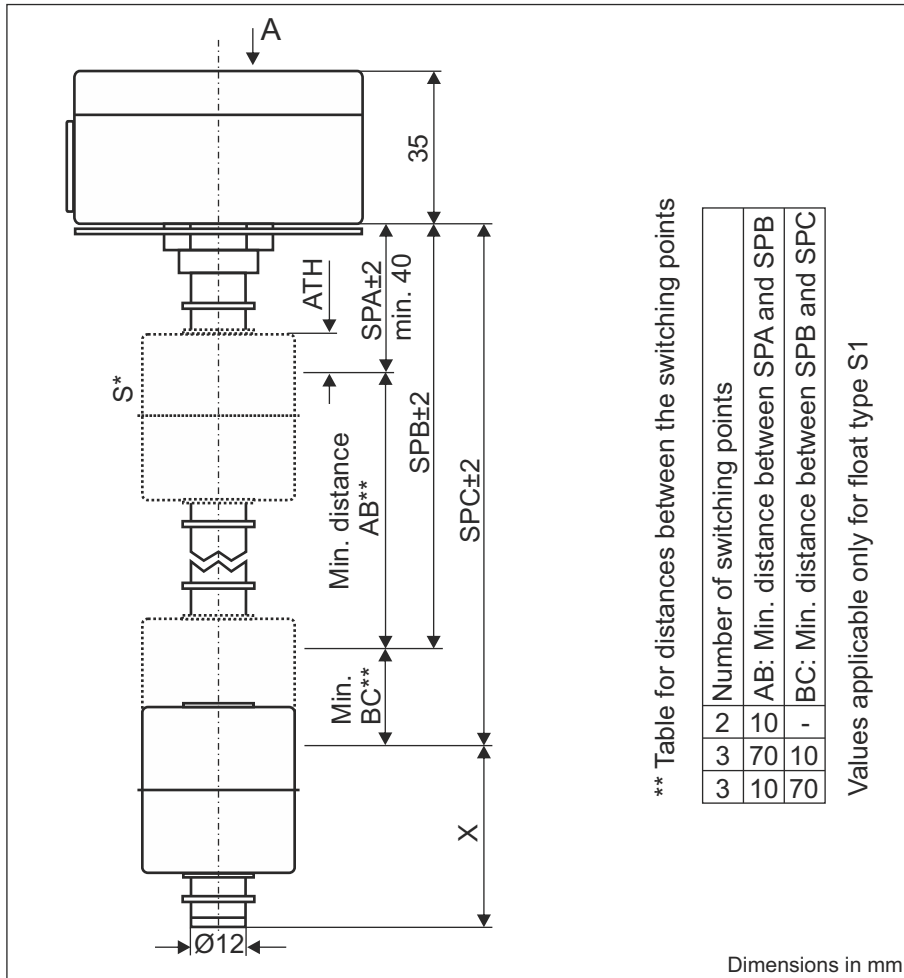


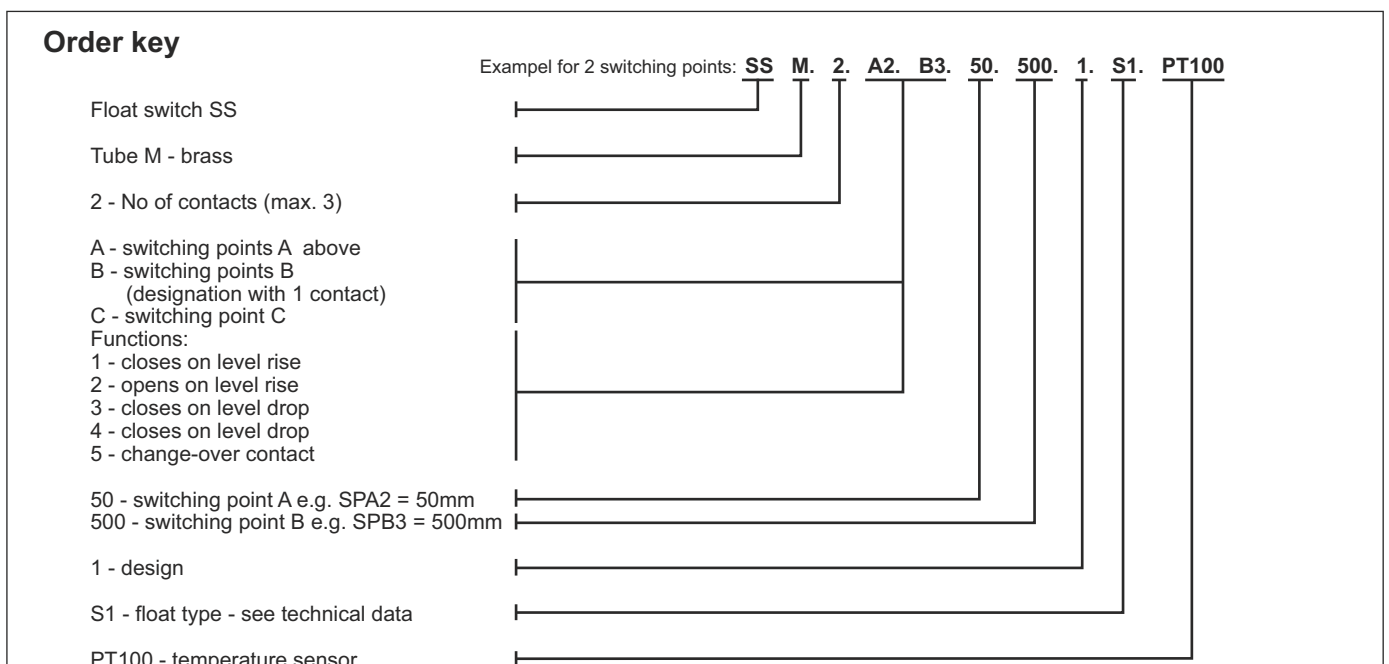
Data sheet

Float switch brass design 1 in combination with temperature sensor PT100

Type: SSM...1...PT100



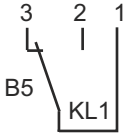
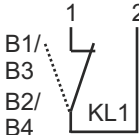
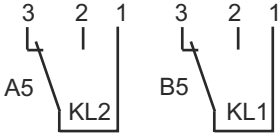
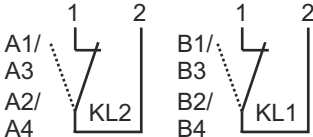
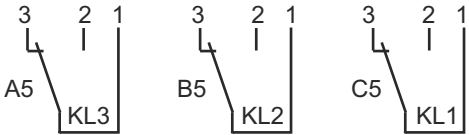
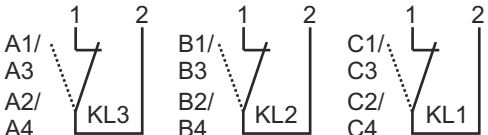
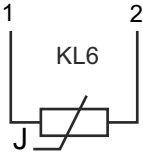
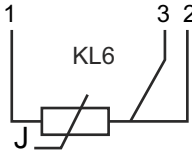
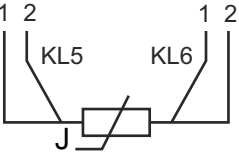
ATH	Height above medium surface e.g. float S1 = 8mm at density of 0,87g/cm ³
*S	for more than 2 switching points, additional floats
X	41±2 tube stainless steel + float PP
X	51±2 tube stainless steel + float stainless steel



Data sheet

Float switch brass design 1 in combination with temperature sensor PT100

Type: SSM...1...PT100

Example for terminal diagrams	
 <p>1x change-over contact + temperature sensor example order key: SSM.1.B5.80.1.S1.PT100</p>	 <p>1x n.o. contact/n.c. contact + temperature sensor example order key: SSM.1.B1.80.1.S1.PT100</p>
 <p>2x change-over contacts + temperature sensor example order key: SSM.2.A5.B5.50.85.1.S1.PT100</p>	 <p>2x n.o. contacts/n.c. contacts + temperature sensor example order key: SSM.2.A2.B3.60.90.1.S1.PT100</p>
 <p>3x change-over contacts + temperature sensor example order key: SSM.3.A5.B5.C5.110.370.850.1.S1.PT100</p>	 <p>3x n.o. contacts/n.c. contacts + temperature sensor example order key: SSM.3.A4.B2.C1.90.270.1020.1.S1.PT100</p>
 <p>2-wire technology</p> <p style="text-align: center;">Or</p>  <p>3-wire technology</p> <p style="text-align: center;">Or</p>  <p>4-wire technology</p>	

Technical data	
Connection:	terminal connection 1,5mm ² 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
Float:	Ø35x40mm, material PP, type S1 Ø40x40mm, material PP, type S2 Ø40x27mm, material PP, type S3 Ø44x53mm, material stainless steel 1.4571, type S4
Level switching points:	reed contacts: max. 3x n.o. contact/n.c. contact or change-over contact further reed contacts on request
Temperature sensor:	platinum measuring resistor PT100 acc. DIN 60751 in 2-, 3- and 4-wire technology
Tolerance class:	DIN EN 60751, class B
Nominal resistance:	100 Ohm at 0°C
Temperature coefficient:	3850ppm/K
Switching voltage, current, capacity:	24VDC, 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to 80°C in medium, -20°C to 70°C above mounting
Protection rating:	IP 65