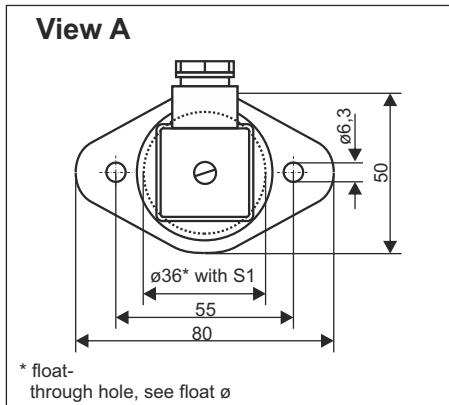
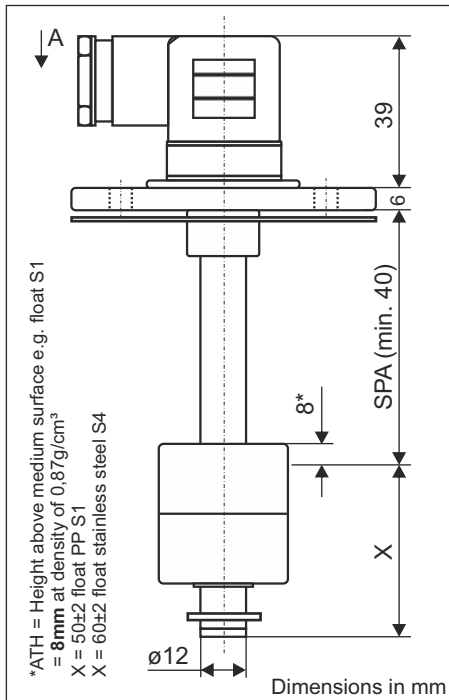


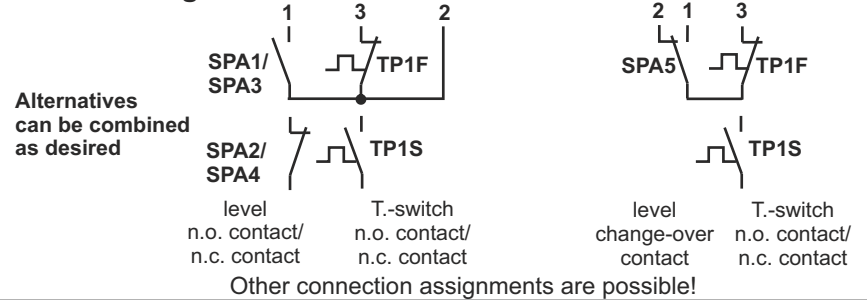
Data sheet

Float switch with bi-metal temperature cut-out $\pm 3^{\circ}\text{C}$

Type: STSB-1...



Terminal diagrams



Order key

Example: **STSB-1. AS08. BE21. RH03. SPA1=120. TP1F=55. SW01**

Electrical connection
right-angled c., DIN 43650 AS08

Mounting
oval flange BE21

Tube RHxx

brass $\varnothing 12\text{mm}$	RH03
stainless steel $\varnothing 12\text{mm}$	RH09
PVC $\varnothing 12\text{mm}$	RH05

Level switching point SPAx = switching point in mm

contact closes on level rise	SPA1
contact opens on level rise	SPA2
contact closes on level drop	SPA3
contact opens on level drop	SPA4
change-over contact	SPA5

Temperature switching point TP1x = temperature in $^{\circ}\text{C}$

normally closed contact	TP1F
normally open contact	TP1S

Float

S1, PP, $\varnothing 35 \times 40\text{mm}$	SW01
S2, PP, $\varnothing 40 \times 40\text{mm}$	SW02
S4, stainless steel 1.4571, $\varnothing 44 \times 53\text{mm}$	SW04
S3, PP, $\varnothing 40 \times 27\text{mm}$	SW03

Attention: float SW04 is not possible in connection with tube RH05.

Technical data

Connection:	right-angled connector 3-pole + PE DIN EN 175301-803 (DIN 43650), material PA
Mounting:	oval flange $80 \times 50\text{mm}$, material PA
Seal:	NBR
Tube:	$\varnothing 12\text{mm}$, brass, stainless steel 1.4571 or PVC
Float:	see order key
Level contacts:	1x n.o. contact/n.c. contact; 1x change-over contact
Switching voltage, current, capacity:	230VAC, 1A, 60VA
Temperature switch	
Technology, switching function:	bi-metal, n.c. contact / n.o. contact
Temperature switching point range:	$30^{\circ}\text{-}125^{\circ}\text{C}$
Precision switching point:	$\pm 3^{\circ}\text{C}$
Reset-temperature:	temperature switching point - 1°C
Switching voltage, current:	24VDC, 2A
Pressure:	atmospheric
Operating temperature	
above mounting:	0°C to 70°C , above flange
Medium:	max. 80°C , material PP max. 125°C , material stainless steel max. 60°C , material PVC
Protection rating:	IP 65

Subject to change