

Data sheet

Float switch with contact adjustment design 01 in combination with temperature switch

Type: KV-01...T

View A

Drilling pattern

Order key

Example for 3 switching points: **KV-01. 300. 150. 70. S1. T70F**

Float switch with contact adjustment design 01

A - switching point SPA, e.g.: 300mm
 B - switching point SPB, e.g.: 150mm
 C - switching point SPC, e.g.: 70mm

S1 - float - see technical data

optional recruit SPC: temperatur switch, e.g.: T70F -> 70°C n.c contact

Switching function

By turning the contact insert, the n.o. contact or n.c. contact function can be changed.

Switching point adjustment

Pull out the guide rod with the mounted contact inserts.
 By pulling off the contact insert from the guide rod, the switching point can be adjusted precisely to the millimetre.
 After defining the switching point, press the K insert back into the rod.

* Height above medium surface for float type S1 at density of 0,75g/cm³

Examples for terminal diagrams

<p>1 x temperature switch</p>	<p>1 x n.o. contact/n.c. contact SPA</p>	<p>2 x n.o. contacts/n.c. contacts SPA, SPB</p>	<p>3 x n.o. contacts/n.c. contacts SPA, SPB, SPC</p>
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Technical data

Connection:	terminal connection 1.5mm ² in the housing cable entry at the housing M16x1.5
Mounting:	housing material alu, colour grey via housing floor - see drilling pattern
Seal:	material NBR
Tube:	Ø12mm, material brass
Float:	Ø35x40mm, material PP, type S1 optional: Ø40x30mm, material PP, type S3
Reed contact:	max. 3x n.o. contact or n.c. contact
Temperature switch:	function bistable, temperature range: 60°C to 80°C, precision: ± 5°C, smaller tolerances on request reset temperature: temp.- Switching point -30°C±15°C
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