

# Data sheet

## Float switch with contact adjustment design 01 in combination with temperature switch / sensor

### Type: KV-01...T

Dimensions in mm

#### 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  
 or temperatur sensor PT103

#### 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.

#### Examples for terminal diagrams

<p>1 x PT103 or 1 x temp. 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 <sup>2</sup> in the housing cable entry at the housing M16x1.5
Mounting:	housing material alu, colour grey
Seal:	via housing floor - see drilling pattern
Tube:	material NBR
Float:	Ø12mm, material brass
	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
Temperature sensor:	PT100, 3-wire technology
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