

Data sheet

Float switch with contact adjustment design 02 in combination with temperature switch/ sensor

Type: KV-02...T

<p style="text-align: center;">adjustment unit</p> <p style="text-align: center;">Dimensions in mm</p> <p>* Height above medium surface for float type S1 at density of 0,75g/cm³</p>	<p style="text-align: center;">Drilling pattern</p>
<p>Examples for terminal diagrams</p> <p>1x PT103 or 1x temperature switch</p>	<p>Order key</p> <p>Examples: KV-02. 300. 150. 70. S1 KV-02. 300. 150. S1. T70F KV-02. 300. 150. 70. S1. PT103</p> <p>Float switch with contact adjustment design 02</p> <p>Switching point SPA, e.g. 300mm Switching point SPB, e.g. 150mm</p> <p>optional: switching point SPC, e.g. 70mm</p> <p>Float, S26 Ø35x40mm</p> <p>Optional recruit SPC: temperature switch, e.g. T70F -> 70°C n.c. contact or temperature sensor PT103</p>
<p>1x n.o. contact/n.c. contact</p>	<p>Switching function</p> <p>By turning the contact insert, the n.o.contact or n.c. contact function can be changed.</p> <p>Switching point adjustment</p> <p>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 millimeter. After defining the switching point, press the K insert back into the rod.</p>
<p>Technical data</p> <p>Connection: terminal connection 1.5mm² in the housing, cable entry at the housing M16x1.5, housing material alu, colour grey</p> <p>Mounting: round-flange OD Ø120mm, PCD Ø100mm, material aluminium</p> <p>Seal: material NBR</p> <p>Tube: Ø12mm, material brass</p> <p>Conduit: Ø45mm, material brass</p> <p>Float: Ø35x40mm, material PP, type S1</p> <p>Reed contacts: max. 3 bistable n.o. contacts/n.c. contacts</p> <p>Temperature switch: technic: bimetal; switching function: n.o. contacts/n.c. contacts temp.-range: 60°-100°C precision: ±5°C, smaller tolerances on request reset-temperature: temp.-switching point - 30°C±15°C</p> <p>Temperature sensor: platinum measuring resistor PT100 tolerance acc. to DIN 60751 class B, 3-wire technology</p> <p>Switching capacity: max. 230VAC, 1A, 60VA</p> <p>Pressure: max. 1bar</p> <p>Operating temperature: -20°C to 80°C in medium, -20°C to 70°C above mounting</p> <p>Protection rating: IP 65</p>	