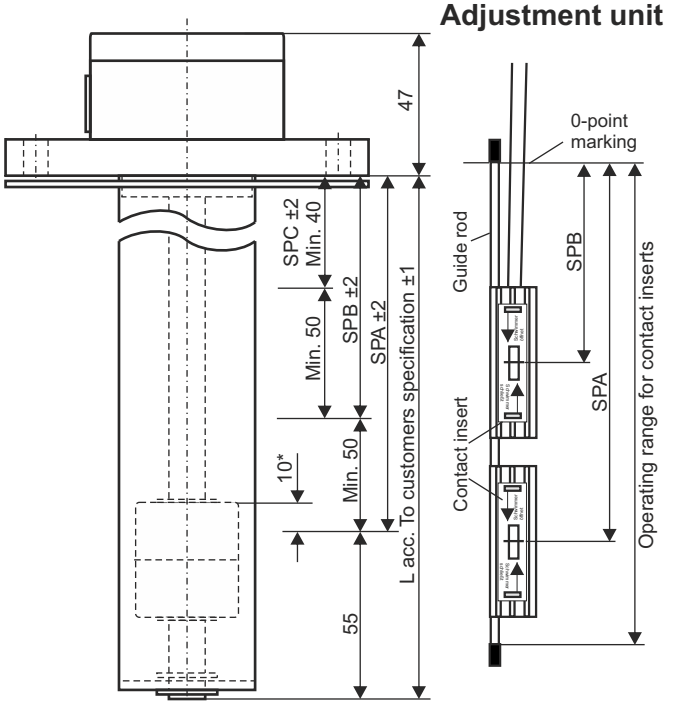
Data sheet
Float switch with contact adjustment design 02
Type: KV-02...

Device with temperature sensor or temperature switch combinable, see also level / temperature measurement technology combined

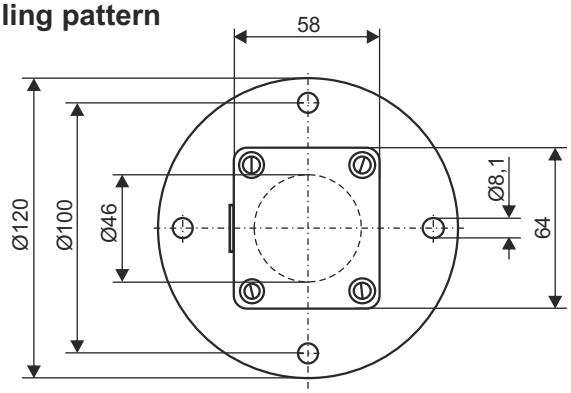
Adjustment unit



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

Dimensions in mm

Drilling pattern



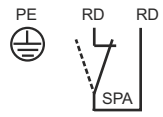
Order key

Example: KV-02. 300. 150. 70. S1

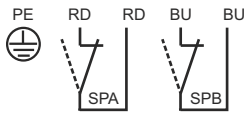
KV-02.	Float switch with contact adjustment design 02
300.	Switching point SPA, e.g. 300mm
150.	Switching point SPB, e.g. 150mm
70.	optional: switching point SPC, e.g. 70mm
S1	Float, S1 Ø35x40mm

Examples for terminal diagrams

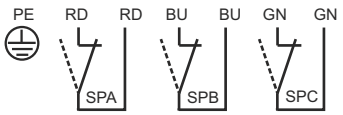
1 x n.o. contact/n.c. contact



2 x n.o. contacts/n.c. contacts



3 x n.o. contacts/n.c. contacts



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 millimeter.
After defining the switching point, press the K insert back onto the rod.

Technical data

Connection:	terminal connection 1.5mm² in the housing, cable entry at the housing M16x1.5, housing material aluminium, colour grey
Mounting:	round-flange OD Ø120mm, PCD Ø100mm, material aluminium
Seal:	material NBR
Tube:	Ø12mm, material brass
Conduit:	Ø45mm, material brass
Float:	Ø35x40mm, material PP, type S1
Reed contacts:	max. 3 bistable n.o. contact / n.c. contact
Switching capacity:	max. 230VAC, 1A , 60VA
Pressure:	max. 1bar
Operating temperature:	-20°C to 80°C in medium, -20°C to 70°C above mounting
Protection rating:	IP 65

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