

## Stick probe SAT with plastic connector

(up to 7 sticks possible)

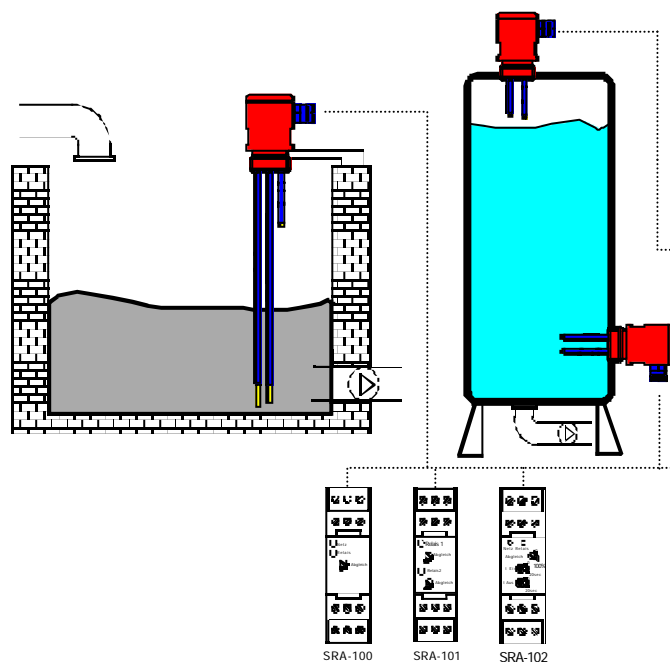
|         |        |          |
|---------|--------|----------|
| SAT1G12 | 1/2 "  | 1 stick  |
| SAT1G10 | 1"     | 1 stick  |
| SAT2G10 | 1"     | 2 sticks |
| SAT3G10 | 1 "    | 3 sticks |
| SAT4G15 | 1 1/2" | 4 sticks |
| SAT5G10 | 1 1/2" | 5 sticks |

### general information:

The stick probes SAT1/SAT2/SAT3 are used for limit switch control in electric conductivity liquids in conjunction with suitable switch instruments (for example SRA-100, SRA-101, SRA 102, SRE-200). They can also be used for the detection of minimum, maximum, flow and humidity.

According to the choosed manufacturing and including the tank side as ground, it is possible to realise 5 switching activating points. In a special version it is possible to realise 7 switching activating points. The connection of the ground can be directly at the metal tank or with one stick of the probe.

### Application of the stick electrodes:



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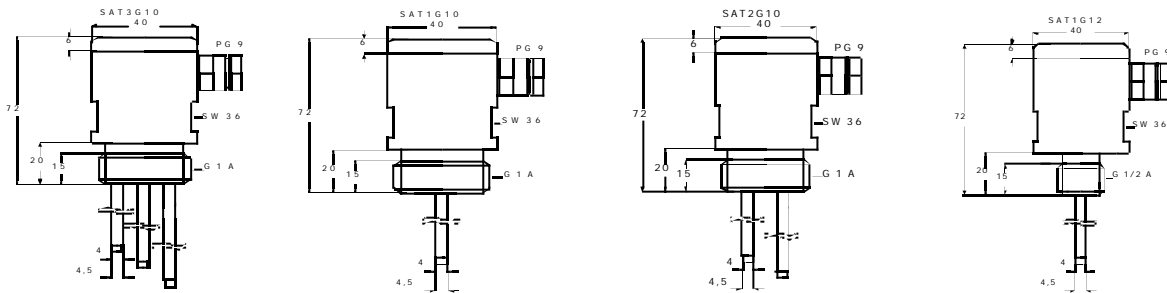
## technical data:

working pressure max: : 10 bar  
 temperature of the medium : - 20°C ... 100 °C  
 adapter case : IP 65  
 material : delrin / polypropylen

material of the sticks : steel 1.4571  
 isolation of the sticks : rilsan / PVC / halar

It is possible to cut the sticks up to the length that is required.

## Dimension drawing



- 1 1 stick probe
- 2 2 sticks
- 3 3 sticks
- 4 4 sticks
- 5 5 sticks
- 7 7 sticks

### Connection:

- D 25
- D 40
- D 50
- G 12 G 1/2 Zoll
- G 10 G 1 Zoll
- G 15 G 1 1/2 Zoll
- G 20 G 2 Zoll

### material stick probe:

- A 1.4571 steel 4/6/8/10mm.
- C Hastelloy B
- D Hastelloy C
- T Titan
- Y special

### material adapter housing:

- D Delrin (Standard)
- V 1.4571 steel big
- P Polypropylen small
- M Polypropylen big
- T PTFE small
- L PTFE big

### material isolation of probes:

- P PVC
- R Rilsan (Standard)
- H Halar (PTFE)

### diameter stick probe:

- 4mm
- V 6mm
- W 8mm
- Z 10mm

length stickprobe in mm

length isolation of stickprobe in mm

|     |   |   |   |   |   |   |   |    |    |
|-----|---|---|---|---|---|---|---|----|----|
| SAT | — | — | — | — | — | — | — | mm | mm |
|-----|---|---|---|---|---|---|---|----|----|