



# Fill level measurement



## Conductive rope probe: SST

with plastic screwing thread; up to 7 ropes;  
medium temperature:  $-10^{\circ}\text{C} \dots +120^{\circ}\text{C}$ ; pressure:  
pressureless

## Description

The cable SST probes are related to the evaluators (eg, SRA-100-U0) is used for level detection and level control in conductive liquids.

Depending on the number of cables used and the evaluation units, different measurement tasks such as Overflow, dry run, two-step control, moisture detection, etc. are realized.

Depending on the selected version, can include the container wall as a mass, to be implemented to 7 switch points. The ground connection erflogt either directly to the conductive container or through a cable probe.

In the probe head, an additional module (diode module LBM) for permanent circuit monitoring to be installed.

In the case of a line break between the electrode probe and an appropriate evaluation, the evaluation issue an alert.



## Application

- Level detection in conductive liquids
- Full resp. empty signal
- Overflow safety
- Dry run protection

## Specials

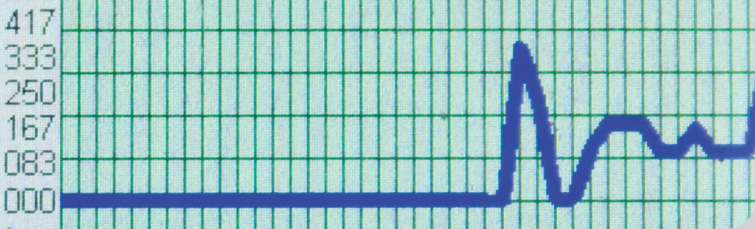


## Your benefits

- Suitable for **aggressive media** due to the use of stainless steel and PTF
- Up to 7 switching points realizable
- Easy installation
- Up to 15 m probe length possible

## Technical data

Technical data	
Process pressure max:	pressureless operation
Medium temperature:	$-10^{\circ}\text{C} \dots +120^{\circ}\text{C}$
Material connection housing:	POM / PP / PTFE
Material process connction:	POM / PP / PTFE
Material probe rope:	Steel 1.4404 (AISI316L) resp. 1.4571 (AISI316Ti)
Isolation probe rope:	PTFE
Gaskets:	Medium contact : NBR; Others: NBR, FPM



# Bestellschlüssel

**Model**  
0 Standard

**Number of electrodes**  
(Basic price incl. 3 m rope!)

- 1 1 electrode rope
- 2 2 electrode ropes
- 3 3 electrode ropes
- 4 4 electrode ropes
- 5 5 electrode ropes
- 6 6 electrode ropes
- 7 7 electrode ropes

**Connection**

- G12 Thread ISO 228-1 – G $\frac{1}{2}$ " only with one electrode rope possible
- G34 Thread ISO 228-1 – G $\frac{3}{4}$ " up to two electrode ropes possible
- G10 Thread ISO 228-1 – G1" up to three electrode ropes possible
- G15 Thread ISO 228-1 – G $1\frac{1}{2}$ " up to four electrode ropes possible
- G20 Thread ISO 228-1 – G2" up to seven electrode ropes possible

**Material probe rope**

(Preis pro angefangene 1000 mm je Seil)

- A CrNi-steel
- Y Others

**Material Connection housing**

- D POM, Ø 60 mm for G $\frac{1}{2}$ " / G1" / G $\frac{3}{4}$ " resp. Ø 80 mm for G $1\frac{1}{2}$ " / G2"
- E POM, Ø 60 mm for G $\frac{1}{2}$ " / G1"
- P PP, Ø 40 mm for G $\frac{1}{2}$ " / G1"
- M PP, Ø 80 mm for process connection G $1\frac{1}{2}$ " / G2"
- T PTFE, Ø 40 mm for G $\frac{1}{2}$ " / G1" / G $\frac{3}{4}$ "
- L PTFE, Ø 80 mm for G $1\frac{1}{2}$ " / G2"

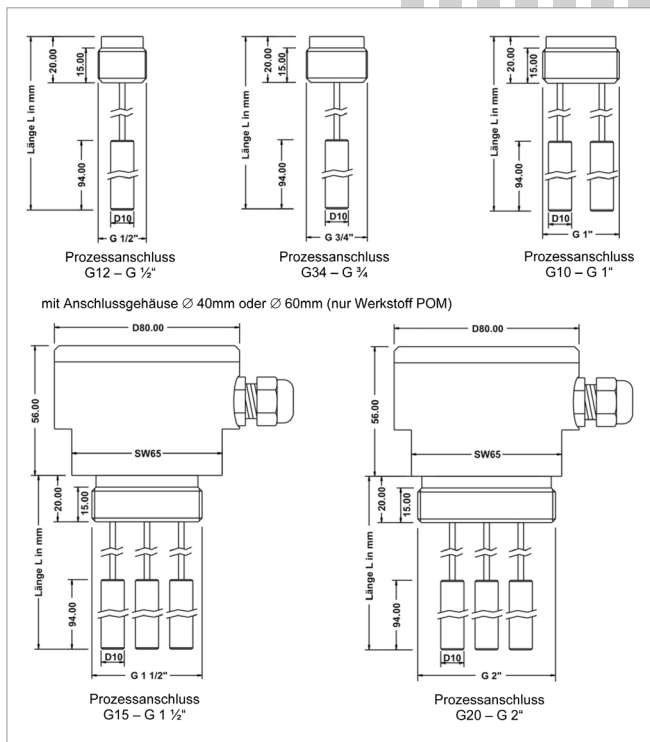
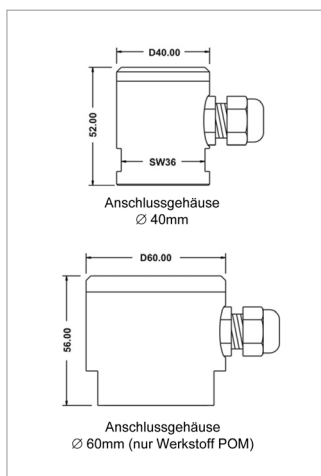
**Material probe insulation**

- H PTFE

**Circuit monitoring**

- A Without circuit monitoring
- B With circuit monitoring  
(only at head Ø >60 mm, resp. thread >1 $\frac{1}{2}$ ")

**Length** electrode rope in mm



Order code

**SST**

0

H

mm

Please name every length if you order different probe lengths!  
eg. rod 1: L1/L2, rod 2: L1/L2