

for food aplications; up to 4 measuring points, with 4 rods; medium temperature: -40°C...+130°C; pressure: 20 bar



The SLK rod probes are used in conjunction with the evaluation units (eg, SRA-100-U0) for level detection and level control in conductive liquids, especially in food and used in the pharmaceutical sector, where high hygiene requirements. Depending on the number of bars and evaluation devices used, different measurement tasks such as Overflow, dry run, two-step control, moisture detection, etc. are realized.

Depending on model selected can include the container wall as a mass, to be implemented to 4 set points. The ground connection is made in the probe head and is transferred through the threads on the conductive container.

process connections, various hygienic connections are available, the seal gap, flush.

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.

By stainless steel process connection the probe is to 20bar pressure stable and in conjunction with the ETFE coating, process temperatures up to +130°C can be realized.

Application

- Level detection in conductive liquids
- Up to six limit levels simultaneously detectable
- As leakage or overflow protection in containers
- For minimum / maximum / resp. multi-point-detection in containers
- As pump protection, resp. dry run protection in pipelines
- For two-point control of pumps
- For conductivities from 1 μ S/ cm
- For process temperatures from -15 ° C up to +130 ° C
- For process pressures from -1 bar up to +10 bar
- Material also for corrosive and aggressive products
- ATEX II 1G Ex ia IIB / IIC T6 ... T1 Ga
- Approved for use in hazardous areas
- Integrated line break monitoring
- Use in hygienic areas

Your benefits

- Suitable for *aggressive media* due to the use of special material such as. Hastelloy; PTFE; ETFE etc.
- Simple switching point adjustment by probe rods that can be shortened

Technical data

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Process pressure max:	-1+20 bar
Medium temperature:	-40°C130°C
Protection:	IP65 EN/IEC 60529
Material connection housing:	CrNi-steel / POM / PP / PTFE
Material process connection :	Steel 1.4404 (AISI316L) resp. 1.4571 (AISI316Ti)
Material probe rod:	Steel 1.4404 (AISI316L) resp. 1.4571 (AISI316Ti) / Hastelloy B4, C22 / Titan
Isolation probe rod:	ETFE
Gaskets:	Medium contact: EPDM, FDA-listed / Others: NBR, FPM



Conductive rod probe: SLK



Specials





Bestellschlüssel





