Electrode probe for conductive limit level detection in electrically conductive filling materials with up to 7

electrode rods - plastic screwing thread; up to 6 measuring points; temperature: -40°C...+150°C; pressure: 10 bar

Description

The SAT rod probes are used in conjunction with the evaluation units (eg, SRA-100-U0) is used for level detection and level control in conductive liquids.

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 7 switch points. The ground connection erflogt either directly to the container or conducting

a probe rod. 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
- Up to seven 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
- \bullet For conductivities from 1 μ S/ cm
- For process temperatures from -15 ° C up to +150 ° 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

Your benefits

- Suitable for *aggressive media* due to the use of special material such as. Hastelloy; PTFE; ETFE resp. E-CTFE etc.
- · High-quality, coated probe insulation
- No infiltration by liquids possible
- Simple switching point adjustment by probe rods that can be shortened

Technical data





Specials









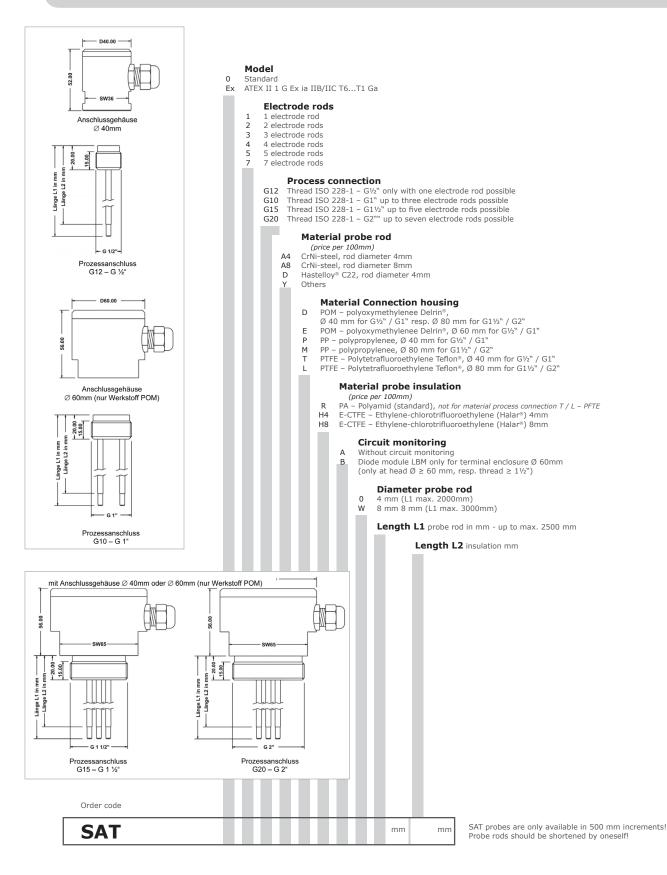






417 333 250 167 083

Bestellschlüssel



Equipment

 Order information
 Model

 AH-2
 Spacers for 2-rod probes

 AH-3
 Spacers for 3-rod probes

 AH-4
 Spacers for 4-rod probes

 AH-5
 Spacers for 5-rod probes