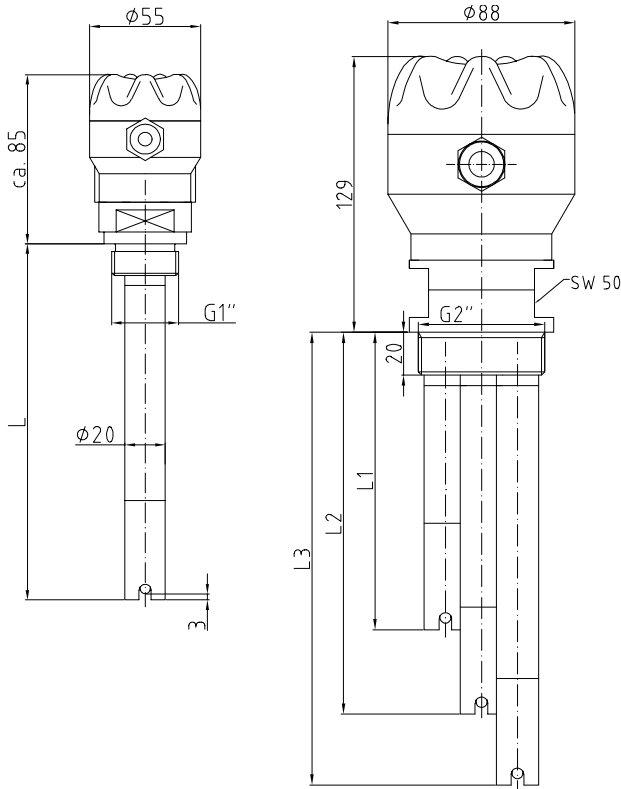


Operating Instructions



Acid Resistant **STS** Rod Electrodes with Glass Carbon Sensors



STS-A...

STS-D...

Technical Data

Screw-in plug and sensor tubes:
PVC (standard), PP, PVDF

Process interface:

Single electrode: G1"

2 to 4 electrodes: G2"

5 electrodes: DN80 PN10 flange

Sensor material: Glass-carbon,
chemically resistant to all liquids

Terminal housing:

PBT

Protection (EN 60529)

IP 65

Ambient and storage temperatures:

PVC	PP	PVDF
0 to +60° C	0 to +60° C	-20 to +60° C

Medium temperature:

PVC	PP	PVDF
0 to +60° C	0 to +80° C	-20 to +140° C

(Depends upon chemical resistance of utilised materials.
See resistance tables provided by plastics manufacturers,
or ask us.)

Max. operating pressure: 2 bar

Min. length, L1 ... L2: 80 mm

Max. length, L1 ... L5: 2000 mm

Installation: From top or side, max. inclination: 45°,
do not install horizontally!

Maintenance

The device is maintenance-free if used for its intended purpose.

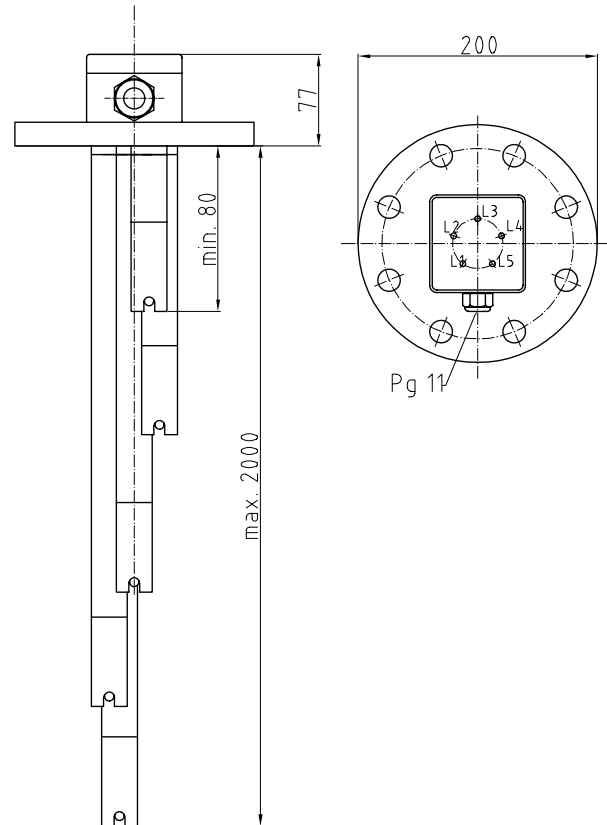
Safety Precautions

- Installation, initial start-up and maintenance may only be performed by trained personnel! All applicable European and national regulations regarding installation of electrical equipment must be adhered to.
- The device may only be operated under the conditions specified in the operating instructions!

Functions Description

For use as a limit monitor in combination with the **ES1S Electrode Controller** (see operating instructions no. SU0070) for aggressive, electrically conductive liquids. The sensors are made of glass carbon, which is resistant to almost all liquids.

Note: Conductive limit monitors are not suitable for liquids which contain oil or fat, or in which electrically conductive or insulating deposits may be formed.



STS-F...



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