

- Direct contact of the electrode to the measuring media, closed sensor design
- Low maintenance by ASR
- Installation in reactor outlet



### applications



Drinking Water / Beverages



Cooling And Boiler Feed Water

### description

Measuring system for measurement of conductivity in the cold softening process. The complete system contains a measuring and control instrument, immersion or flow assembly, ASR (automatic sensor cleaning), sensor and cable

## technical data

### measuring parameter

Conductivity (conductive) 0.000 .. 1.000 mS/cm

### input characteristics

accuracy +/- 0.020 mS/cm

temperature measuring range -30 .. +140°C

### conditions

max. pressure 6 bar

ambient temperature 0 .. 80°C

### output characteristics

output signal 0/4 .. 20 mA (scaleable, galvanically isolated)

load max. 500 Ohm

registration range Free scaleable within the measuring range

serial interface RS 485 - optional

baud rate 9600

data format 8 bit

### power supply

line voltage 24/ 117/ 230 VAC, +6/-10%, 40 .. 60 Hz

power consumption 10 VA

### ambient conditions

ambient temperature operation 0 .. +50°C, storage -20 .. +65°C

relative humidity max. 90 rH at 40°C (non-condensing)

protection class

wall mounted housing IP 65

### controller

control response on/off controller (adjustable hysteresis)

relays P/PI controller (pulse-pause, pulse-frequency or continuous output)

3 relays, each with a potential-free CO-contact, max 250 V, 6 A, 550VA

onset delay 0 .. 200 sec till controller active

digital input controller stop via external contact

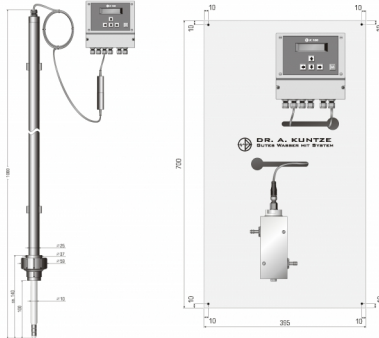
### certificates and approvals

CE-symbol

Declaration of conformity: The product meets the requirements of the harmonized European standards. It thus complies with the legal requirements of the EC directives.

The manufacturer confirms successful testing of the product by affixing the CE symbol.





### accessories

#### sensors

Au-305-3O-PG