



Bar probe ST3L

The best measure...

Filling level of the liquid only,

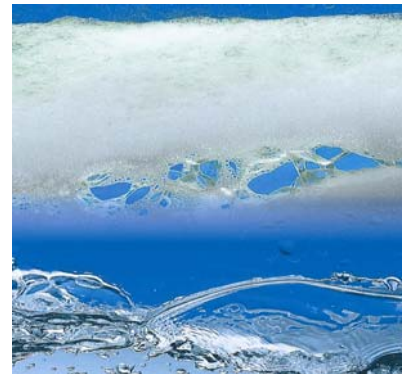
under exclusion of foam, e.g. in filling machines.

Advantages at a glance

- FDA conformity
- Sterilisable and autoclavable
- Dead room free
- No moving parts
- Execution of the parts in contact with the product(s) in special material(s)
- For aggressive environment
- Maintenance free
- Unaffected by the presence of foam
- Flange sizes and shape as per your specs



SNCH 02 ATEX 3357 X CE 0036/0499



Principle of reliability

A product surrounding an **aquasant-mt** filling level bar probe varies the impedance in function of the dielectrical constant and/or the conductivity characteristics of organics or aqueous liquids.

The tubular reference electrode eliminates the effect of the foam on the filling level measurement. The measured impedance sum signal is converted directly by the measuring electronic MTI into a normed signal. The level is measured without any mechanical moving parts and the analog 0/4 – 20 mA signal goes to the regulator or to the central process system

The full electronic filling level control system of Aquasant measuring technique Ltd with his **high-resolution impedance measurement** handles also low polarity products and is optional also available with automatic product compensation, for multi-purpose installations.



Filling level control in run-down

■ **Your requirements...**

a reliable surveillance and control of the processes assured by the maintenance free impedance measurement system

■ **Filling level control**

in the run down tank of a filling machine. The continuous level is measured and controlled without influence of the presence of foam.

■ **Independent of**

- Foam type
- Conductivity
- Dielectrical constant
- Viscous organics
- Aggressivity
- Density
- Temperature up to 120 °C

Also in reactors, as overflow protection!



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