LDL200

Inductive conductivity sensor for hygienic applications

Product presentation

Product description

Inductive conductivity sensor LDL200

The best invention since the German brewing laws!

Admittedly: Not only breweries appreciate the new inductive conductivity sensor from ifm. Dairies and other food manufacturers wanting to improve the efficiency of their CIP process also count on LDL200.

You can literally see why the sensor is so popular with its extremely compact design. The same applies to the connection. Just one M12-connector is sufficient to provide loss-free data transfer of the conductivity and medium temperature values by IO-Link. Thanks to its high measurement dynamics the LDL200 accurately monitors if wash fluid is still in the pipe or if clean water is present. And because this is done so quickly you save on resources. In other words: The cleaning process is shortened and machine availability is increased.

Just as efficient is the device replacement. A case of: fit and forget.
The parameters can be set automatically using IO-Link.
Plug & Play at its best.

Does that sound good? It gets even better – see **www.ifm.com/gb/ldl200**

Product advantages

Why LDL200?

Availability

Short delivery times.
No charge factory certificate as download.

Quality

Resistant to temperature and vibrations due to robust and compact design. 5 year warranty.

Performance

High resolution over the total measuring range due to IO-Link.

Product portfolio for the food industry

All process sensors from one supplier e.g. for CIP systems.

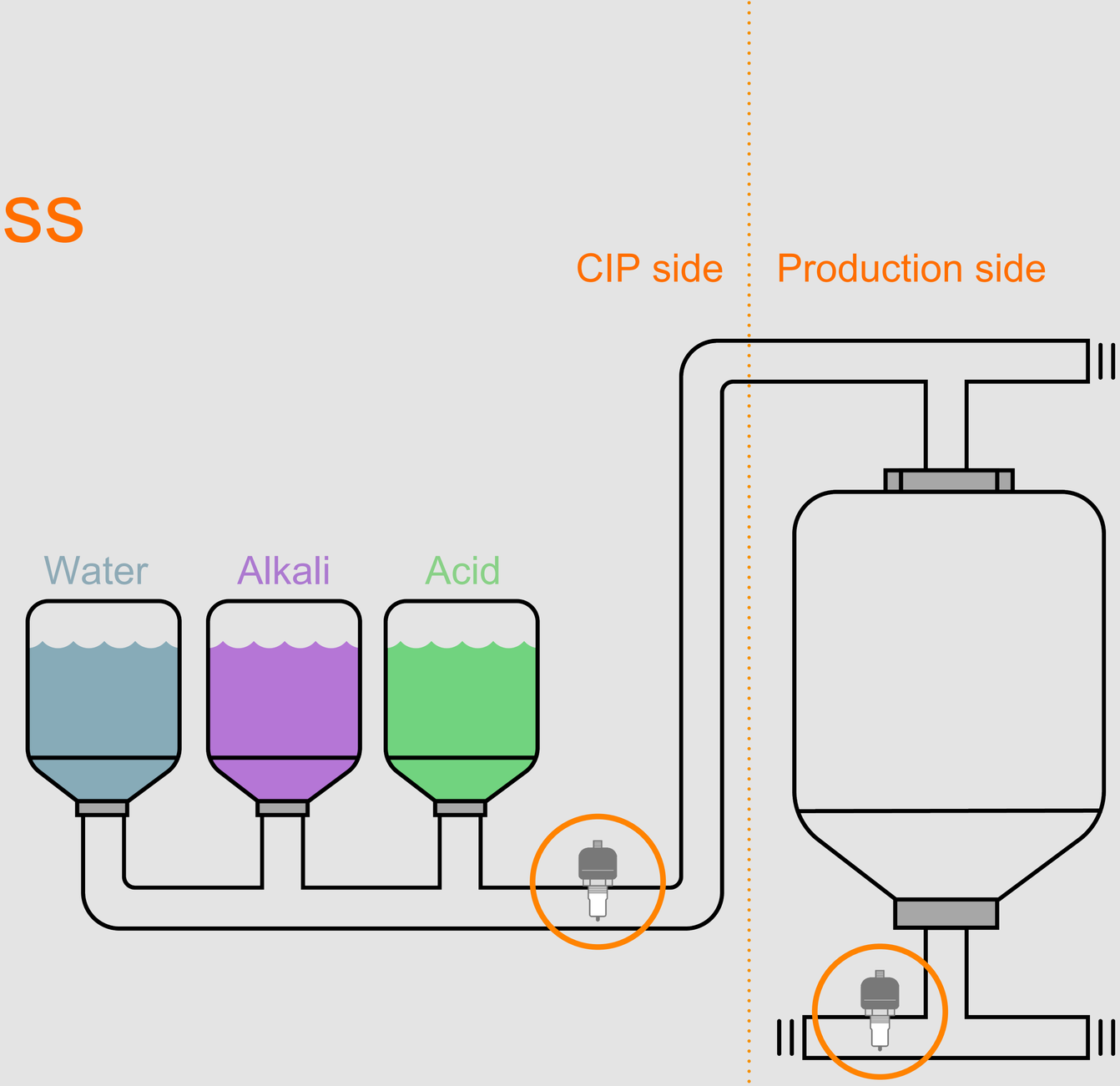
Application overview

Typical cleaning process in the food industry

Application

With one sensor in the inlet and outlet
it is possible to measure the following:

- Concentration of wash fluids in the rinsing water
- Contamination of the rinsing water
- Product residues in the return pipe during the cleaning process



Application overview

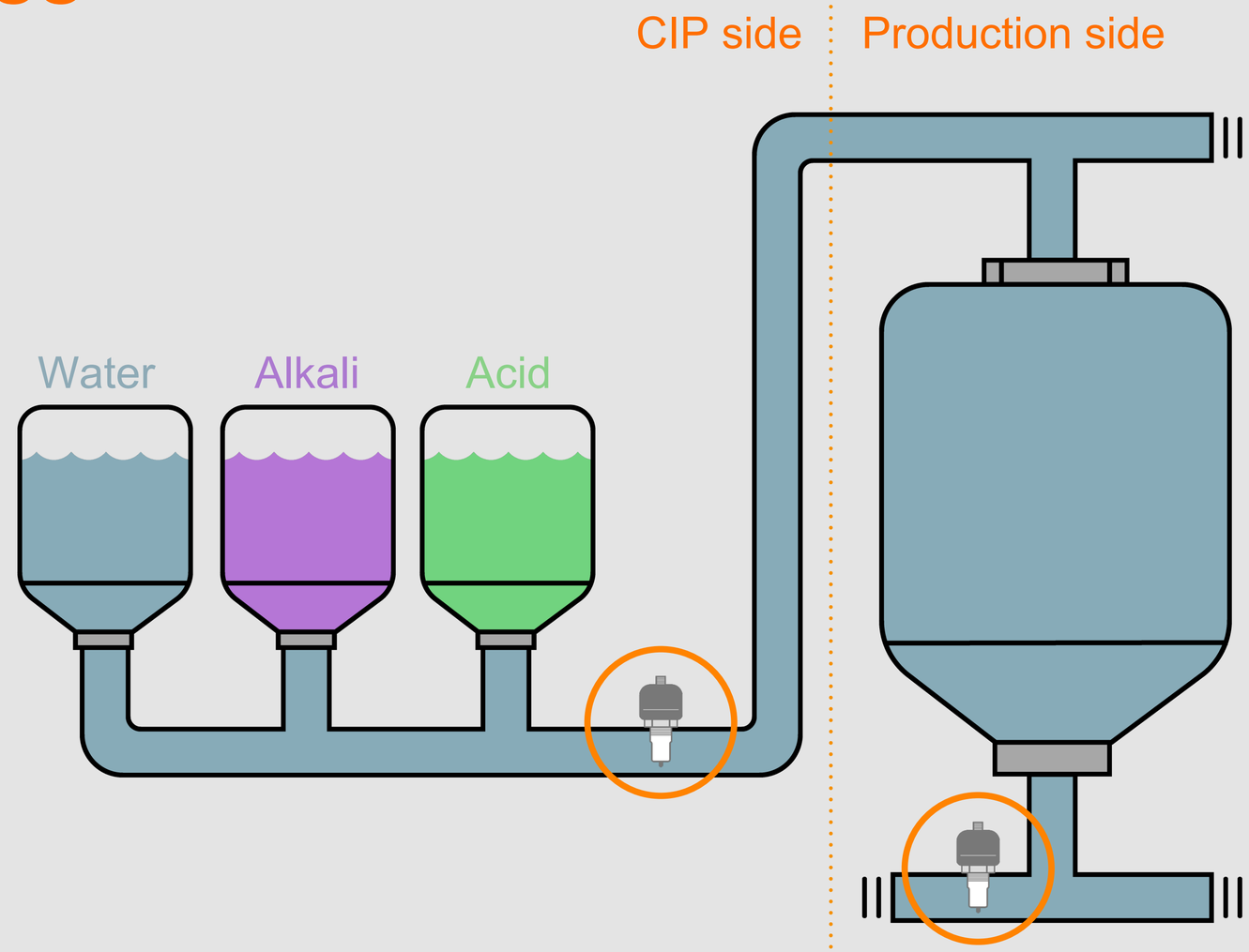
Typical cleaning process

Application

With one sensor in the inlet and outlet it is possible to validate the different stages in the cleaning process with process water, caustic and acidic solutions.

Advantages

- Using conductivity sensors can reduce the amount of water and chemicals required: Cleaning and rinsing on demand.
- The quality of the cleaning process is reproducible.



Good to know

Added value thanks IO-Link

Loss-free signal transmission

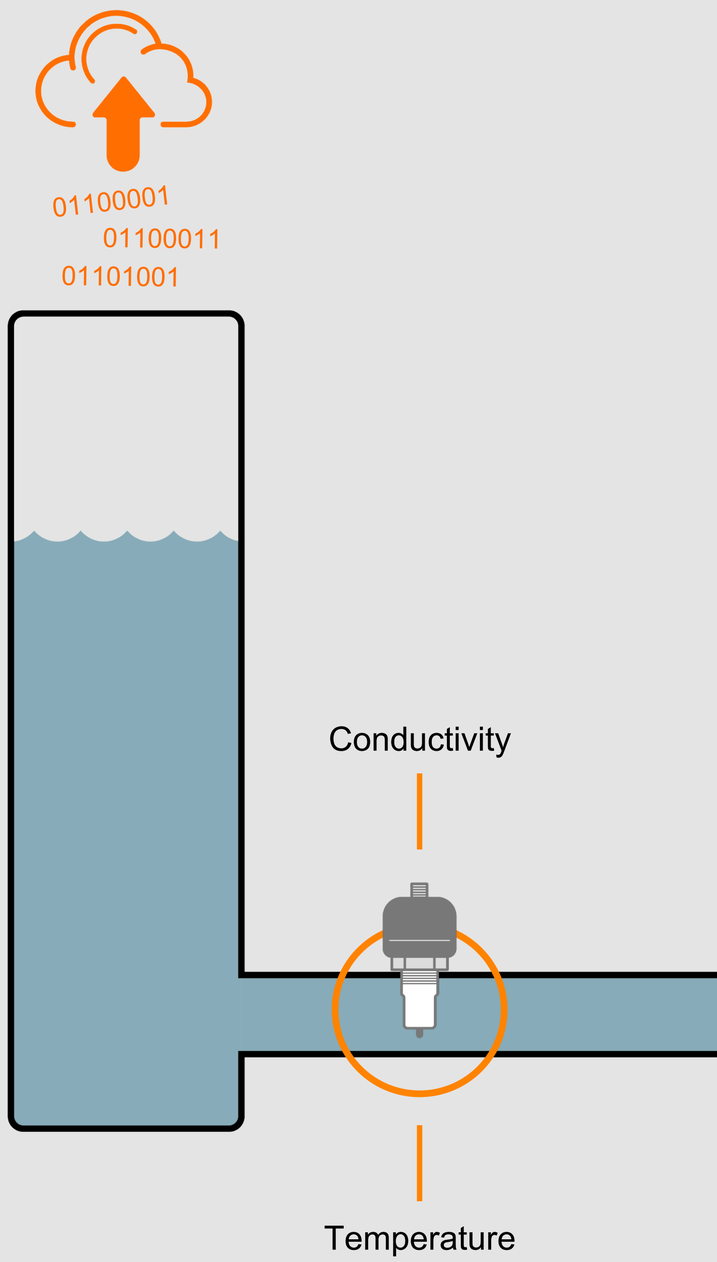
Digital transfer of conductivity and temperature values

Plug & Play

Easy to implement using automatic parameters

Transparent process

Internal history memory function



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