

## Turbidity Measurement Dairy Industry

### Residual Milk Mixtures

In the milk processing industry, containers and equipment are rinsed and cleaned. In this cleaning process is rinsed first with water. The residual milk flows first out of the system or containers. This is detected by a turbidity meter. This milk can be returned to the process. Depending on the content of the product components, the subsequent milk-water mixture can be passed through a separator again. This measurement and decision is made via the same or a built-in turbidity meter.

The measuring instruments are mounted shortly before the changeover valve and switch over without delay at the preset product concentration. Water injections are recognized immediately. The switching point is absolutely independent of quantity and time. This ensures maximum safety in the phase separation.



# Application Example



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A Sensor STS in a return line