

**It's as simple as that**  
CM44 Liquiline multichannel  
controller with Memosens  
technology.





MEMOSENS



### Memosens: The powerful sensor technology environment

Memosens is a digital communication protocol. Since its introduction in 2004, it has become a de-facto standard in liquid analysis processes. A broad portfolio of Memosens-speaking products enhances process safety, efficiency, transparency and quality at all stages of the measurement cycle.

- Safe digital data transmission
- Easy-to-handle, inductive bayonet lock without corroding metal contacts
- Sensor head stores measurement data and sensor information for predictive maintenance
- Fast plug & play with pre-calibrated sensors

**Simply flexible** Liquiline CM44 is the most adaptable transmitter for non-ex applications. Mix and match up to 8 sensors, measuring any of 12 different parameters: pH/ORP, conductivity, oxygen, nitrate, SAC, turbidity, chlorine, chloride, ammonium, potassium and sludge level. Re-configurations of your Liquiline are possible anytime.

**Simple to use** A large graphical data display and clear diagnostic messages simplify handling. And with Memosens, you can quickly connect pre-calibrated sensors instead of having to perform calibrations on-site. Liquiline will automatically recognize the sensor without requesting any further settings. An Ethernet module enables remote access to your Liquiline – perfect for wirelessly connecting to

far-off measuring points or checking measurement data from your desk.

**Simple integration** Liquiline CM44 speaks all standard fieldbus protocols like HART, Profibus DP or Modbus. This makes integration into your process environment go smoothly and seamlessly.

For maximum user friendliness, Liquiline CM44 shares software and many hardware components with other members of the Liquiline platform concept: Liquiline CM44 railmount device, Liquistation CSF48 stationary sampler and Liquiport CSP44 portable sampler.

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