

Liquiline: a family you can rely on

High-quality transmitters, analyzers and samplers for future-proof plant design and safe operations



They are family

Choose the Liquiline platform and you will spend less money on inventory, save installation time and gain operational safety.

The platform Several devices, all based on the Memosens technology, allowing multiple measurements on the same hardware: The Liquiline platform aligns inventory management and handling of transmitters, analyzers and samplers.

- Unified handling for more operational comfort and safety
- Fast commissioning and automatic sensor recognition thanks to pre-installed settings
- Standardized components for less inventory costs and long-term availability of spare parts
- Based on the Memosens digital sensor technology you gain more efficiency and quality in liquid analysis
- Fieldbus protocols: 0/4..20 mA, HART, PROFIBUS DP, Modbus TCP, Modbus RS485, EtherNet/IP, Webserver

Liquiline CM44 is the most flexible Liquiline controller: It measures 12 different parameters. Adapt it to connect 1 to 8 sensors, just by adding or removing modules. Liquiline CM44 is available both as field instrument and as DIN-rail device. The robust, corrosion-resistant plastic device is suitable for many applications, for example in the following industries:

- Water / Wastewater industry
- Chemical industry
- Life Sciences
- Food & Beverages
- Power plants



Liquiline M CM42 The two-wire transmitter for pH/ORP, conductivity and oxygen parameters stands out through safe data transmission and easy handling. User guidance and menu are equal to the Liquiline CM44. Liquiline CM42 can be connected to field buses like FOUNDATION Fieldbus, PROFIBUS PA and HART protocol. It is suitable for all areas of process engineering, especially in the following industries:

- Chemical processes
- Life Sciences industry
- Food technology
- Renewable energies
- Hazardous applications



Liquiline CM14 The four-wire transmitter for pH/ORP, conductivity and oxygen is an instrument for basic measurement requirements. Handling is easy, though CM14 does not share hard- or software with other Liquiline devices. The compact design of Liquiline CM14 is suitable for installation in panels or cabinets and especially attractive for skid building in:

- Wastewater treatment
- Water treatment and drinking water monitoring
- Ion exchangers
- Surface water monitoring



Liquiline To Go CYM290/CYM291 The multiparameter handhelds measure pH/ORP, conductivity and oxygen. Take them to any measuring point in your plant and you instantly know how your process is running. Both versions have a robust, shock-proof housing – the CYM291 is even suitable for hazardous area use. With Liquiline To Go handhelds you can use the same robust Memosens sensors for grab sample measurement that you use in your process. This guarantees full data consistency between your measurements.



Analyzers Thanks to the built-in Liquiline transmitters, operation of Liquiline System analyzers will be familiar because it is identical to the concept of other online analysis parameters such as pH or oxygen. Adapt them to connect 1 to 4 sensors just by adding modules and thus reduce the number of transmitters in your plant. Connect the sample preparation fast and easily due to Memosens technology.

- Liquiline System CA80AM ammonium analyzer
- Liquiline System CA80PH orthophosphate analyzer
- and more to come



Samplers Their built-in Liquiline transmitters make them members of the Liquiline family in terms of measurement parameters, handling, maintenance and spare parts. Adapt them to connect 1 to 4 sensors just by adding modules. Robust plastic or stainless steel housings make them suitable for all industries from wastewater to chemicals.

- Stationary sampler Liquistation CSF48
- Portable sampler Liquiport CSP44



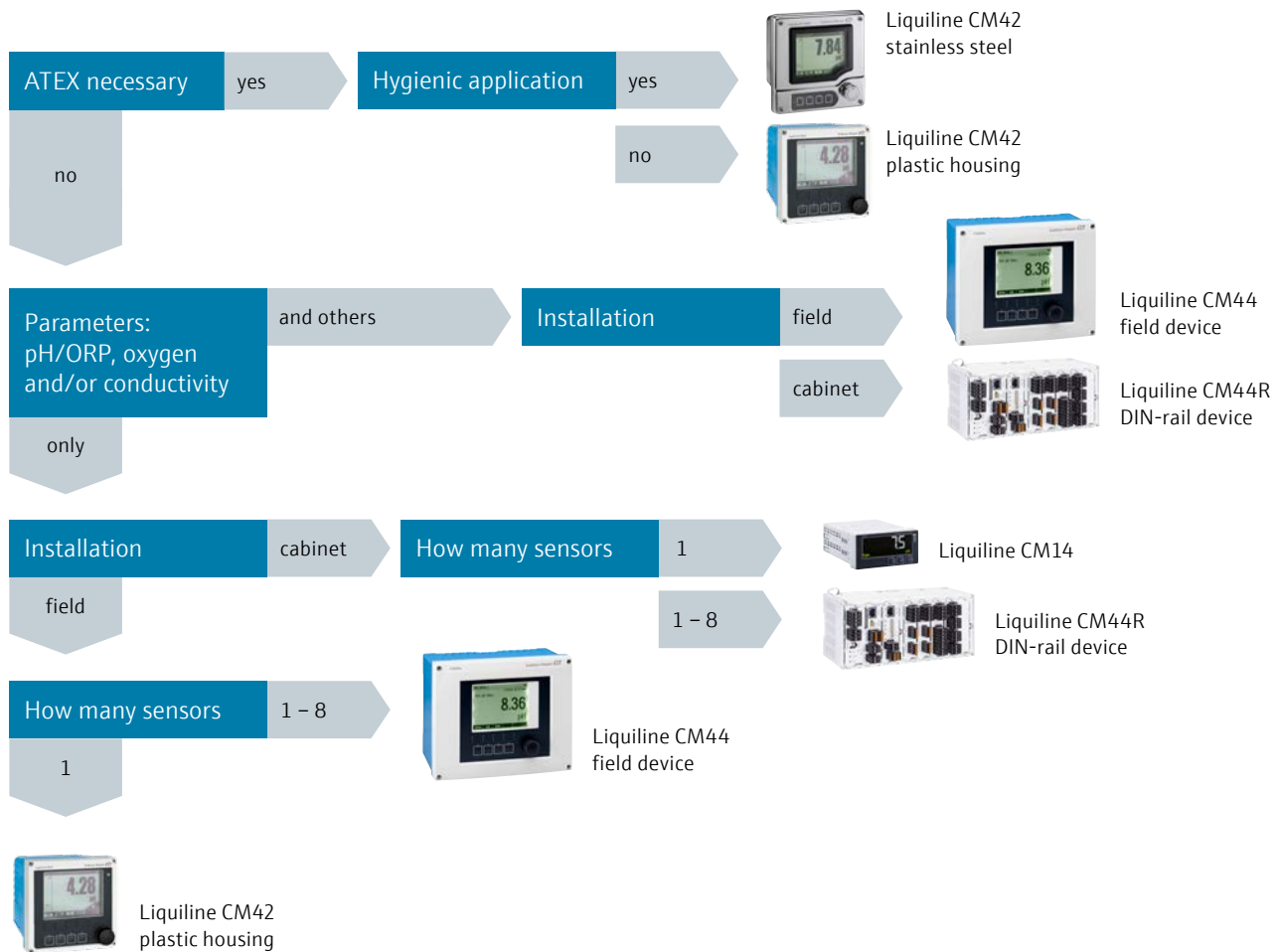
i Memosens: The cutting-edge sensor technology

Memosens digitizes the measured value within the sensor and provides non-contact interference-free transfer to the transmitter. Since its introduction in 2004, it has become the worldwide leading standard in liquid analysis. Since then, a large portfolio of Memosens products enhances the safety, efficiency, transparency and quality of processes in all industries.

- Safe digital data transmission: inductive, corrosion-free, 100% reliable
- Easy-to-handle sensor connection
- Sensor head stores sensor and process specific data for predictive maintenance
- Fast plug & play with pre-calibrated sensors
- International standard



Which transmitter fits best for your application?



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CPO1050C/07/en/02.15