MEMO SENS

Maximum signal integrity and reliable measured values
CYM17 brings Memosens sensors to laboratory fermenters

The Memosens Analog Converter CYM17 enables the use of digital pH and oxygen sensors in laboratory fermenters.

Reliable monitoring of fermentation processes in laboratories
Memosens sensors offer you the most reliable data transmission, highest measured value availability and greatest ease of use.

Data consistency from laboratory to process
To ensure 100% consistent measurements, identical Memosens sensors can be used from the initial laboratory tests through to the scaled-up process.

Easy conversion of your existing laboratory fermenters
Using the CYM17 converter, existing laboratory fermenters can be easily converted to digital Memosens sensors.

Easy handling and maximum reliability
To ensure maximum reliability of measurements, the CYM17 monitors the sensors continuously and issues an alarm in the event of a fault.

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Reliable, stable measured values

Autoclaving of glass fermenters with analog sensors often leads to unstable measuring signals. This is due to residual moisture on the metal contacts. Digital Memosens sensors with inductive coupling are completely resistant to moisture and can even be connected under water. This guarantees maximum accuracy.

With the CYM17 Memosens Analog Converter, you can now benefit from tried and tested Memosens technology in laboratories too. Simply install the Memosens sensors in your existing fermenter and connect them to the converter. Different adapter cables are available for easy and fast conversion. The output signal of the converter corresponds to that of a conventional analog pH or oxygen sensor.

Data consistency from laboratory to process

By using identical sensors from the initial laboratory tests right through to the scaled-up production process, you can rely on consistent data from start to finish. Technically induced deviations in measured values from the lab and the process are therefore a thing of the past.

High-performance sensors for biotech processes

The Memosens CPS61E pH sensor and Memosens COS81E optical oxygen sensor with Memosens technology have been specially designed for fermentation processes. Together with the CYM17 converter, these sensors can now be used with your existing laboratory fermenters without any modifications to the hardware or SOP.

☑ Your solution for reliable monitoring of fermentation processes in laboratories:

Memosens CPS61E digital pH sensor

Thanks to its robust design and long-term stability, the sensor ensures extremely accurate, reproducible and reliable measurement results — even after auto-claving (up to 140°C/284°F).

Memosens COS81E digital optical oxygen sensor

The Memosens COS81E is the ideal oxygen sensor for fermentation and inertization. The accuracy and long-term stability of its measurements, as well as its permanent self-monitoring, ensure maximum reliability of the measured values.

Memosens analog converter CYM17

The Memosens analog converter CYM17 enables the use of digital Memosens sensors with the fermenters used in biotechnology labs.

Available adapter cables

- pH adapter cable M12 to BNC/4 mm (banana connector)
- pH adapter cable M12 to K8S
- pH adapter cable M12 to VP
- DO adapter cable T82 to VP

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