

## Clean solutions for the highest demands

**JUMO with a broad portfolio at the "Lounges" trade fair (April 23 to 25, 2024 / DM-Arena, booth C1.2) in Karlsruhe / From sensor to cloud**

**Precise control, effective automation and seamless data analysis are the most important challenges in the pharmaceutical and biotechnology industries. In addition, there is compliance with the strictest hygiene regulations and international standards.**

At the trade fair, JUMO will be showcasing a broad portfolio of innovative products and solutions to help customers master complex hygienic applications efficiently and economically. **The portfolio includes hygienic process connections, EHEDG-certified solutions, intuitively operable automation systems as well as seamless, secure and location-independent data evaluation and -visualization. In addition, JUMO Engineering can tailor systems precisely to the customer's specific needs.**

"Nothing works in the treatment of pharmaceutical water without the appropriate sensor and automation solutions," **emphasizes Matthias Kremer, Industry Manager Water and Wastewater at JUMO. As examples, he mentions reverse osmosis or electrodeionization for the removal of ions, particles and other impurities or, in quality monitoring, conductivity measurement.**

## High-precision measurements

JUMO will be presenting the JUMO digiLine CR HT10 at the trade fair. It can now be used to connect conductive conductivity sensors to the intelligent, bus-capable JUMO digiLine system. System integration can now also be carried out via an IO-Link interface. The sensor is permanently connected to the head transmitter. The advantages for the user: predictive maintenance, flexible application options and optimal process monitoring.

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Also on board: the JUMO flowTRANS MAG H20! "The JUMO flowTRANS MAG H20 measures high-precision conductive media, even droplet by droplet. It can be used flexibly in a wide variety of processes," says Martin Eppinger, Industry Manager Food and Beverages. In addition to flow measurement, temperature is measured. A state-of-the-art HMI allows configuration via Bluetooth and the JUMO smartCONNECT app. The SPE (Single Pair Ethernet) interface with PoDL (Modbus TCP, JUMO Cloud Connector) enables a simplified JUMO Cloud connection and end-to-end IP communication from the field to the automation level.

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**Photo: JUMO**

**Caption: JUMO digiLine CR HT10. It can now be used to connect conductive conductivity sensors to the intelligent, bus-capable JUMO digiLine system.**

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*Headquartered in Fulda, Germany, the JUMO Group employs more than 2,500 people worldwide and is a leading system and solution provider for industrial sensor and automation technology. JUMO products are used, for example, in the "Thermal Process Technology", "Heating and Air Conditioning", "Food and Beverages", "Renewable Energies" or "Water and Wastewater" industries. Revenue in 2023 was 312 million euros.*