

Liquiline CM44x and CM44xR. One for all—all for one

The four-wire transmitters from the Liquiline platform are flexible transmitters for up to eight channels with up to 14 different parameters.

With the CM44x and CM44xR devices from the Liquiline series, Endress+Hauser presents a range of transmitters that will help save on installation costs. The most important applications of the multiparameter transmitters are in monitoring and controlling processes in the fields of industry and the environment; particularly water/wastewater applications, chemicals, life sciences and plant construction. You will be easily won over by the quick, user-controlled commissioning of the "plug & play" Memosens sensors. The red display lighting and instructions in plain text guarantee process safety and reliability in the event of an error.

Modular and flexible

The transmitters are modular in design and can thus be quickly adapted to new measuring tasks or additional parameters. Liquiline transmitters are particularly flexible when it comes to communication with higher-level systems: 4 to 20mA, HART, MODBUS, EtherNet are all compatible communication channels as well as PROFIBUS DP. Installation of the transmitters is also flexible. Not only are the devices available in the traditional field version, a control cabinet version with optional display can also be ordered. It can be mounted in one click and minimizes the cabling.

Memosens technology with plug & play

All sensors with Memosens technology can be connected to transmitters from the Liquiline platform. The transmitter automatically detects the digital sensor connected and independently loads the required software – all of this is possible with a sensor cable length up to 100 meters. That is genuinely impressive plug & play capability.

Graphic 1



Large, illuminated display – intuitive menu guidance: the Liquiline CM44x transmitter.

The E+H Group

Endress+Hauser is a leading international supplier of measuring devices, services and solutions for industrial process engineering. The company group has more than 13,000 employees worldwide. In 2015 it generated net sales of EUR 2.1 billion.

Structure

Professional support is guaranteed worldwide through its own Sales Centers and a network of partners. With product centers in eleven countries, E+H is fast and flexible in meeting the needs of its customers. A holding company in Reinach/Switzerland manages and coordinates the company group. As a successful, family-run business, Endress+Hauser plans to remain an independent, unaffiliated company into the future.

Products

Endress+Hauser supplies sensors, devices, systems and services for level, flow, pressure and temperature measurement, as well as analysis and measured value recording. The company supports its customers with services and solutions in the area of automation engineering, logistics and IT. The products set standards in terms of quality and technology.

Industries

Customers are primarily from the chemical/petrochemical, food, oil and gas, water/wastewater, energy and power plant, life science, metal and primaries, renewable energy, paper and pulp and shipbuilding industries. With support from Endress+Hauser, they are able to implement reliable, safe, efficient and environmentally friendly process-engineering procedures.

History

Endress+Hauser was founded in 1953 by Georg H. Endress and Ludwig Hauser. The Endress+Hauser Group has been exclusively owned by the Endress family since 1975. The company has developed from being a specialist in level measurement to a provider of complete solutions for industrial measurement technology and automation. During this time, it has consistently developed new markets.

Further information is available at www.de.endress.com, www.at.endress.com or www.ch.endress.com

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