



More than **sensors + automation**



Product Range

Sensor and automation solutions for your success





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True quality leads to success

Since its founding in 1948 in Fulda, JUMO has developed into a successful global player. Today, our company is represented on all five continents.












Anyone wishing to make a name for themselves in the competitive markets of the world with products and services must bring all their expertise to the table. The most important factors here are an innovative development department, products of superior quality, and reliable service. All of these elements are based on one thing: highly-motivated employees.

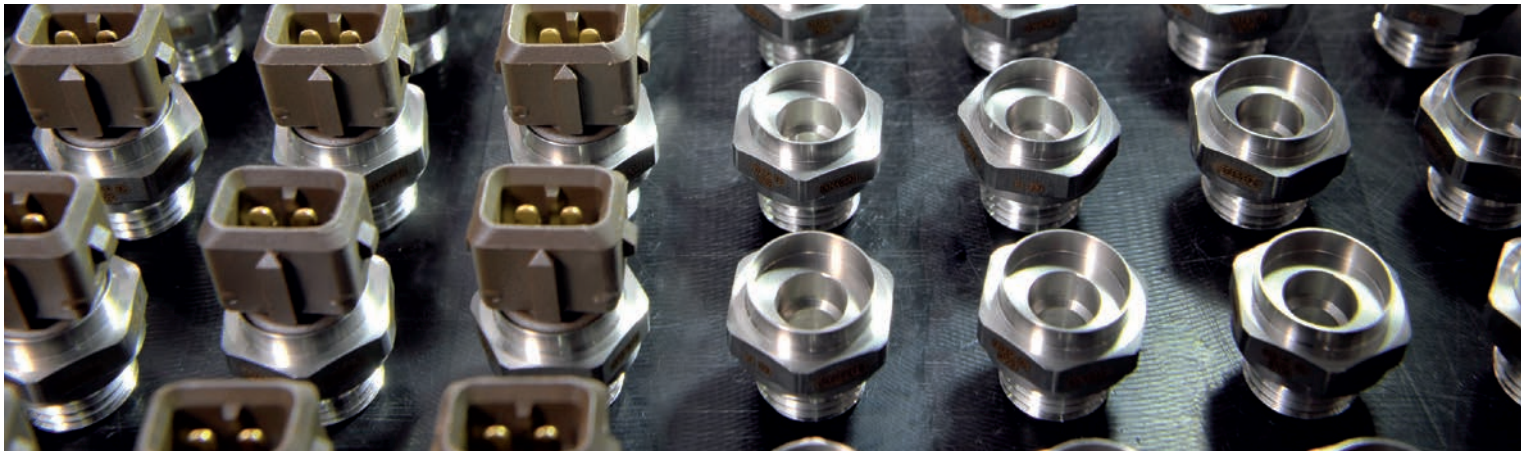
Due to our strong teams in all these areas we count among the leading manufacturers of industrial sensor and automation technology today. We have over 2,000 employees in five branches across Germany as well as 24 subsidiaries and more than 40 agencies abroad.

The cornerstone of our company philosophy is our holistic approach. At JUMO we provide all-in-one solutions – from product development to production to Services & Support. This way, we have full control over all processes at all times and are able to make use of synergistic effects which benefit our customers.

The result is a product portfolio covering all aspects of measuring, regulating, and analyzing which is unrivalled in its breadth and depth. This brochure depicts a clearly arranged introduction to this product spectrum. Please feel free to contact us if you would like further information.

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Temperature

Temperature is one of the most important measurands in a number of industrial areas. JUMO, your partner for precision temperature measurement, offers a wide range of products for room temperature measurements in building technology through to high-temperature measurements in furnace construction.

We maintain the highest quality and reliability of our products by continuously developing them. We always focus on the customer in everything we do. Customer satisfaction and long-term collaboration are the driving forces that keep us achieving outstanding performance time and time again.

- Thermocouples
- RTD temperature probes
- Wireless data transmission
- Approvals ATEX, EHEDG, GL, GOST, etc.
- Platinum temperature sensors
- DAkkS calibration service
- Dial thermometers
- Contact dial thermometers
- Bimetal temperature switches
- Panel and surface-mounted thermostats



Temperature sensors for industry, plant construction, and vehicle engineering

JUMO has been producing high-quality RTD temperature probes and thermocouples since the mid-1960s. Temperatures up to approximately 500 °C are generally measured using RTD temperature probes. The platinum temperature sensor has proven its worth by ensuring high measuring accuracy and long-term stability. Thermocouples are used for measuring higher temperatures. Here, thermocouples of type L, J, K, N, S, or B are used depending on the requirement. Our DAkkS laboratory, in which we can perform very precise measurements, and our own temperature sensors in thin-film technology allow us to hone our expertise even further. We are now one of the world's leading manufacturers in this field.

Electromechanical temperature monitoring

JUMO's decades of experience in manufacturing electromechanical thermostats and dial thermometers has made it a reliable partner. The ease with which our devices allow temperatures to be recorded and controlled without using auxiliary power has seen these devices become standard in various industry sectors. The array of products ranges from mass-produced products through to individual customer solutions in small-scale production.

Thermocouples and RTD temperature probes with terminal head or connecting cable

Types 901020/901030/901120/902020/902023/902030/902120/902123/902820/901150/901190/901210/902050/902150/902153/902190/902210/902350



RTD temperature probes with plug connector

Types 902040/902044



RTD temperature probes with wireless data transmission

Types 902930/902931/707060



RTD temperature probes for industrial solutions

Types 902424/902425/902434/902435/902810/902815/902940



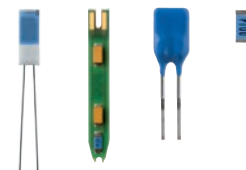
Indoor, outside, and channel RTD temperature probes

Types 902520



Platinum temperature sensors according to DIN EN/IEC 60751

Types 906121/906122/906123/906124/906125



Panel and surface-mounted thermostats

Types 602021/603070



Dial thermometer

Type 608002



Bimetal temperature switch

Type 608301





Liquid Analysis

The JUMO range of analytical measurement products focuses on the most important chemical and electrochemical measurands in liquid media.

This includes the pH-value, redox potential, and ammonia as well as the electrolytic conductivity, dissolved oxygen, free chlorine and total chlorine, chlorine dioxide, ozone, hydrogen peroxide, and peracetic acid.

JUMO sensors and measuring devices are used in a variety of areas ranging from drinking, service, and process water preparation. JUMO is one of the leading manufacturers of measuring devices, sensors, and accessories for electrochemical measurands.

mV pH mΩ·cm mg/l
μS/cm ppm l/min
mS/cm mA

Measuring:

- pH-value and redox voltage
- Electrolytic conductivity (inductive and conductive)
- Ammonia
- Dissolved oxygen
- Free chlorine, total chlorine, chlorine dioxide, ozone, hydrogen peroxide, and peracetic acid



From sensors to the modular multichannel measuring device

Water is the basis of all life on the planet. It is sufficiently available when you consider that approximately 70 percent of the Earth's surface is covered with seawater. The water, however, is not evenly distributed and is not suitable for immediate use in every state. This places a wide range of demands on measurement technology. Whether dealing with drinking water, bathing water, tap water, high-purity water, highly-purified water, service water, process water, or cooling water – every sector has its own requirements when it comes to the sensors and devices for measuring key quality parameters.

Before water can be used it may need to be treated or brought to a desired state using chemical additives. The JUMO analytical measurement sensors and controllers help with these procedures in a proven way. Measuring, displaying, controlling, and recording are diverse tasks. From a simple top-hat rail transmitter to the multichannel controller and recorder the user is provided with a wide range of options from which to select. With the JUMO CTI-500/750 series of inductive conductivity measuring devices JUMO has earned a permanent spot with the plant manufacturers and operators in the food and beverages industry. Here, JUMO consistently meets the special hygienic requirements.

JUMO continuously expands its range of analytical measurement products. By doing so we show just how much we recognize the importance of water as a valuable resource. JUMO measurement technology allows us to preserve a piece of our future.

JUMO ecoLine/BlackLine/tecLine pH and redox-electrodes

Types 201005/201020/201030/201050



Membrane-covered sensors

For measuring free chlorine, total chlorine, chlorine dioxide, ozone, hydrogen peroxide, peracetic acid, ammonia, and dissolved oxygen

Types 202613/202630/202631/202634/202636/201040/202610



JUMO ecoTRANS Lf 01/02/03 JUMO ecoTRANS pH 03

Transmitter/switching device

Types 202723/202731/202732



JUMO dTRANS pH/CR/AS 02

Transmitter/controller

Types 202551/202552/202553



JUMO ecoLine/BlackLine/tecLine

Conductivity sensors – conductive and inductive

Types 202922/202923/202924/202925/202930/202941/202942/202943



JUMO CTI-500/750

Inductive conductivity and concentration transmitters

Types 202755/202756



JUMO AQUIS 500 pH/CR/Ci/AS

Transmitter/controller in surface-mounted case – with IP67 protection

Types 202560/202565/202566/202568



JUMO AQUIS touch P / S

Modular multichannel measuring device with integrated controllers and recording function – with IP67 protection

Types 202580/202581





Pressure

Pressure measurement is one of the most important tasks in virtually every industrial sector. High-quality pressure measuring devices ensure reliable and safe measuring results regardless of whether you are dealing with high-precision solutions for the process industry, hygienic solutions for the food and pharmaceutical sectors, or universal solutions for mechanical engineering and plant construction. JUMO also has the right solution for your application. For the OEM market we also provide customized solutions according to customer specifications.

- Pressure transmitter
- Pressure switch
- Pressure measuring cells
- Pressure separators and accessories
- Measuring devices for use in the Ex-area
- Wireless data transmission



Quality through attention to detail

A key part of automation technology focuses on recording process pressure with high accuracy and reliability. With a host of applications, continuous pressure monitoring can increase process reliability and thus product quality.

Our high degree of vertical integration allows us to ensure all quality processes and results in increased flexibility which enables us to give special consideration to customer requirements and application-orientated conditions. In addition to measuring ranges in the Pascal range pressures up to 600 bar can also be recorded. We provide various outputs for this including analog signals as well as HART or CAN interfaces. Due to the wide variety of possible electrical and process connections pressure transmitters can be adjusted for virtually every application.

JUMO pressure transmitters are frequently used in the compressor industry, autoclave equipment, the heating/cooling/air-conditioning industry, the food and chemical industry, and in clean rooms.

Depending on the application conditions of the various industries the devices offer application-oriented approvals such as ATEX or EHEDG-certified process connections.

JUMO pressure measuring cells

Type 404410



JUMO MIDAS series

Pressure transmitters

Types 401002/401005/401008/
401009/401010/401011/401050



JUMO DELOS series

Pressure transmitters

Types 405052/405054



JUMO dTRANS p30 series

Pressure transmitters

Types 402050/402051/404366/404753



JUMO dTRANS p20 series

Pressure and differential pressure transmitters

Types 403022/403023/403025/403026



JUMO Wtrans p

Pressure transmitter with wireless measured value transmission

Type 402060



JUMO pressure separators

Types 409772/409774/409776/
409778/409780/409782/409784





Level

When it comes to hydrostatic level measurements we offer solutions for pressurized and depressurized containers, for wells, and for waterbodies. You can record the level with level probes or pressure transmitters depending on the application.

- Level probes (hydrostatic)
- Pressure measuring devices, optionally available with ATEX (hydrostatic)
- Differential pressure transmitters (hydrostatic)
- Floats (mechanical)



Hydrostatic level measurement: pressure as a means to an end

When taking level measurements, pressure measuring devices operate according to the hydrostatic principle. The hydrostatic pressure is created in a liquid by a liquid column that is located above a sensor and always behaves proportionally to the sensor's immersion depth.

The pressure measuring device is selected depending on the measuring task. Level probes and pressure measuring devices especially developed for determining the filling level are available for depressurized tanks or open bodies of water. The rack cleaning system of a water works can be illustrated here as an application example.

JUMO MIDAS DP10 or JUMO dTRANS p20 differential pressure transmitters are the preferred devices for use with pressurized tanks. Alternatively, for hygienic reasons the filling level can be recorded from the outside using a measuring device for relative pressure or differential pressure.

A high level of accuracy, reliability, and quality are crucial for every measurement. If the measured values are not correct then the entire process chain can come to a standstill.

In addition to end devices JUMO also offers floats used for producing float switches.

JUMO MAERA series

Level probes
Types 401015/402090/404391/404392



JUMO dTRANS p30

Level probes for use in Ex-area
Type 404753



JUMO dTRANS p30

Pressure transmitter with display for mounting on depressurized tanks
Type 404366



JUMO DELOS SI / dTRANS p20

Pressure transmitters with display for mounting on depressurized tanks
Types 405052/403025/403026



JUMO MIDAS DP10 / dTRANS p20 DELTA

Differential pressure transmitters for mounting on pressurized tanks
Types 401050/403022/403023





Flow

JUMO offers products with various features for flow measurement.

In addition to differential pressure transmitters the range of JUMO products also includes MID flow transmitters and paddlewheel flow sensors.

- Flow measuring devices for vapors, gases, and liquids
- MID flow transmitter
- Paddlewheel flow sensor
- Differential pressure transmitters



Precision flow measurement for continuous monitoring and controlling

JUMO helps you safely design your process technology with precision sensors featuring long-term stability. Depending on the application we can provide you with just the right flow sensors for liquids, gases, or vapors and even for explosion protection if necessary. The sensors are adjusted to the corresponding evaluation devices and controllers which allows the flow to be measured, displayed, controlled, recorded, or dosed.

The JUMO product range comprises a wide range of devices. The vast variety is offered by measuring orifices and Pitot probes which, when combined with differential pressure transmitters, provide the greatest measuring accuracy.

We also offer magnetic inductive sensors or paddlewheel flow sensors for flow measurements in liquids in particular. They can be used in the system with the right installation fittings for DN15 to DN400 pipe diameters.

The measuring devices are available with or without displays. Analog standard signals or pulses are available at the output.

Paddlewheel sensor
Type 406020



MID flow transmitter
Type 406010

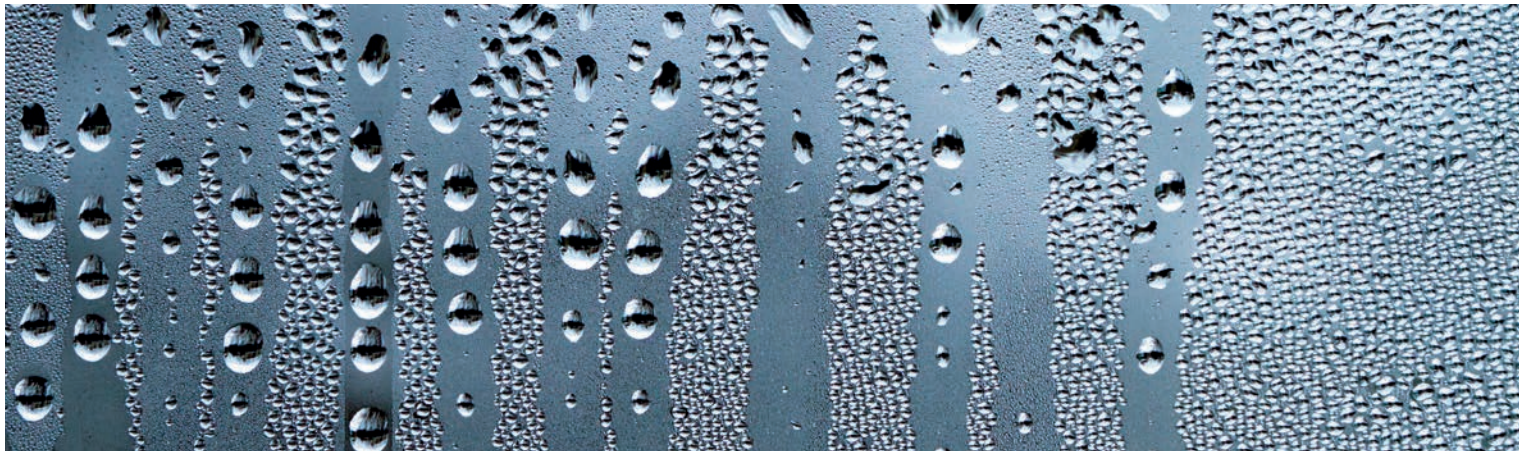


Fittings for flow sensors
Type 406090



JUMO dTRANS p02 / p20
Differential pressure transmitter
Types 404382/403022/403023





Humidity

JUMO also provides impressive humidity solutions. For several decades JUMO has been offering a very comprehensive and cutting-edge range of devices for measuring relative humidity and the closely related measured values. The devices are designed for most applications in air-conditioning and ventilation technology and for sophisticated industrial applications.

- Measuring probes (capacitive) for air-conditioning technology and building automation
- Measuring probes (capacitive) for climate and CO₂ monitoring
- Measuring probes (capacitive) for sophisticated industrial applications
- Intrinsically safe industrial measuring probes (ATEX)
- Measuring probes (capacitive) with intelligent interchangeable probes
- Measuring probes (hygrometric) for air-conditioning and ventilation technology
- Hygrostats (hygrometric) for monitoring air humidity



Measuring probes for humidity

As a leading manufacturer of measurement and control technology JUMO also offers a comprehensive range of measurement technology products designed for air humidity and carbon dioxide concentration in the air-conditioning and ventilation sector as well as for building automation. Depending on the application, various measuring probes are available with capacitive and hygrometric sensor technology or hygrostats as pure switching devices. In case of CO₂ measuring probes a proven infrared technology is used.

Very high-quality and robust micro-processor-controlled measuring probes are available for sophisticated industrial measuring tasks. They can also be used to output additional measurands such as absolute humidity, dew point temperature, mixing ratio, etc. The outstanding features include stable and reliable measurements, high measuring accuracy, traceable measuring results, and a wide range of configuration options directly on the measuring probe.

The product range is rounded off, for example, with devices equipped with intelligent interchangeable probes or intrinsically safe measuring probes for applications in the Ex-area.

Upon request, a reliable after-sales service is also available for repair, maintenance, and calibration purposes. With JUMO as your partner in humidity measurement technology you are in the best hands possible.

Hygro and hygrothermal transducers (capacitive) for air-conditioning applications

Type 907020



Hygro transducers / hygrothermal transducers and CO₂ measuring probe for climate monitoring

Type 907021



Humidity and temperature measuring probes for industrial applications

Type 907023



Intrinsically safe industrial measuring probes for humidity, temperature, and derived measured values

Type 907025



Capacitive hygrothermal transducers with intelligent interchangeable probes

Type 907027



Hygro and hygrothermal transducer, hygrometric (hygrometric)

Types 907031/907032

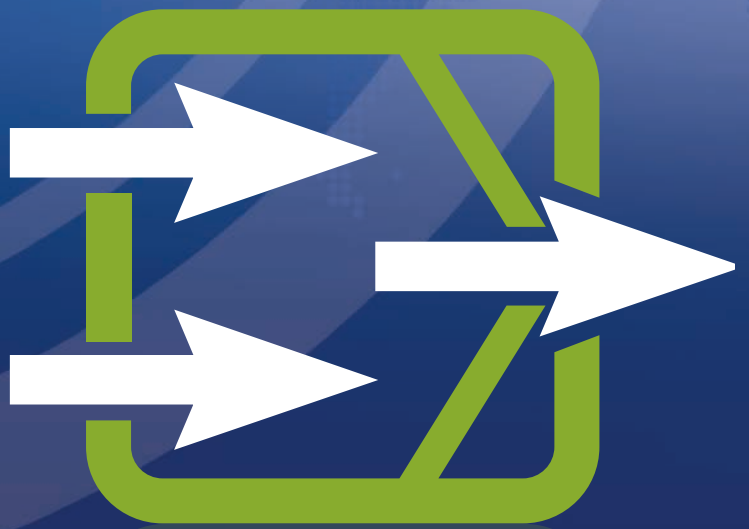




Control

JUMO offers its customers a wide range of products with the highest quality features for the simplest control applications through to the most complex processes.

- Single channel / multichannel controller
- Process/program controllers
- Panel-mounted thermostats
- Surface-mounted thermostats
- Contact dial thermometer as display and controller



Programmable electronic controller

Precision control of a wide range of measured values such as temperature, pressure, humidity, level, and many other measured values is crucial in today's industrial and process applications for consistently-high product quality. With our array of electronic controller products ranging from single channel controllers to multichannel screen controllers we provide the right solutions for your control requirements. The integrated self-optimization function ensures fast startup and cost savings at the same time. The universal measuring input enables the connection of a wide range of sensors while providing a high level of application flexibility. The optional interface technology allows for integration into the management and control systems and thereby reduces the load placed on the controllers.

Electromechanical thermostats

Electromechanical thermostats are used in the heating and air-conditioning industry as well as in building automation. Temperatures of a variety of processes can be controlled without using auxiliary energy. Explosion-protected surface-mounted thermostats make it possible to control the maximum temperature of electrical heating cables in industrial applications. Here, the thermostat particularly impresses with its resistance to electromagnetic interference.

JUMO IMAGO 500

Multichannel process and program controller
Type 703590



JUMO DICON touch

2-channel process and program controller with paperless recorder and touchscreen
Type 703571



JUMO dTRON 304 / 308 / 316

Compact controllers with program function
Type 703041



JUMO cTRON 04 / 08 / 16

Compact controllers
Type 702070



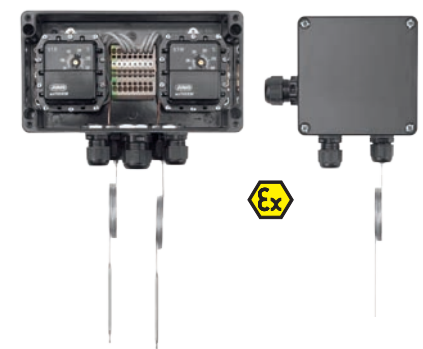
JUMO heatTHERM-AT

Type 603070



JUMO heatTHERM-AT

Explosion-protected surface-mounted thermostat
Type 605051



JUMO panel-mounted thermostat EM

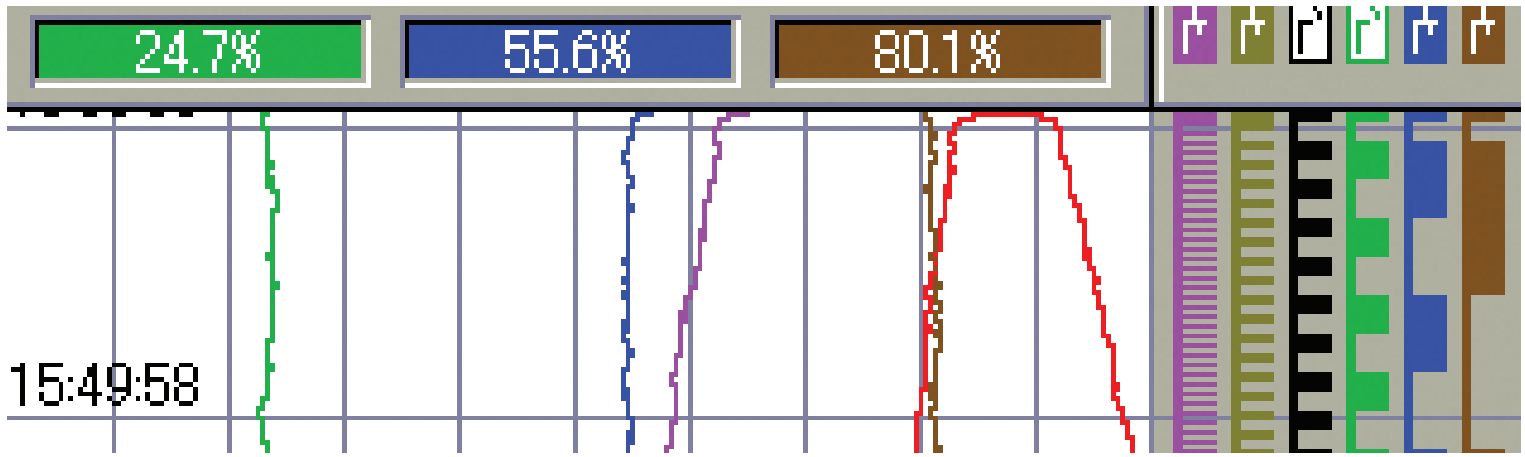
Type 602021



JUMO frostTHERM-AT

Type 604100





Recording

Are you familiar with the JUMO LOGOSCREEN series? With the devices in this family of paperless recorders you are ideally equipped to collect, archive, and evaluate measured values that must be verified in a tamper-proof manner.

- Paper recorder
- Paperless recorder
- Paperless recorder with FDA approval
- Paperless recorder with ATEX approval



Record, archive, and evaluate ...

... are firmly established terms in measurement technology defined by the recorder's device group. JUMO paperless recorders quickly and reliably record process data, save and archive it, and make it available on the PC in a tamper-proof manner for evaluation.

JUMO LOGOSCREEN 500 cf ...

... was designed as a high-quality replacement for paper recorders and is the basic device in the JUMO paperless recorder series. It features a maximum of six universal inputs, a 5" TFT display, and the option for monitoring limit values. In addition, the paperless recorder has network-capability.

JUMO LOGOSCREEN nt/fd ...

... meets sophisticated recording tasks such as batch reporting, maps mathematical and logical process data links, can visualize data online via a web server, and satisfies the requirements of FDA 21 CFR Part 11 for the electronic recording of process data with the "fd" version.

JUMO mTRON T ...

enables the construction of a decentralized system for collecting and archiving a maximum of 54 analog measuring channels and 54 digital channels.

JUMO LOGOSCREEN 500 cf

Paperless recorder with compact flash card as storage media and lifecycle data management
Type 706510



JUMO LOGOSCREEN nt /fd

Paperless recorder with TFT display, compact flash card and USB interfaces, stainless steel design and sensor control panel; FDA-compliant data recording with type fd
Types 706581/706585



21CFR Part 11



JUMO mTRON T – Multifunction panel 840

Measuring, control, and automation system
Type 705060



JUMO mTRON T – Central processing unit

Measuring, control, and automation system with controller module and input/output modules
Type 705000





Automation

To ensure smooth process and production procedures you need dependable systems that JUMO can provide. From SCR power switches, temperature transmitters, and digital indicators through to our JUMO mTRON T automation system, JUMO meets all your automation and visualization demands.

- Indicators
- Automation software
- Power controllers
- System technology
- Transmitters
- Wireless transmitters
- Software and accessories



SCR power switches and power switches

In many electrically operated heating systems, power switches ensure wear-free switching operations with high currents and therefore play a key role in ensuring high heater availability. Using the JUMO TYA-200 provides key advantages in thermal application where the precision dose of electrical heat output is vital for product quality also for additionally ensuring energy efficiency.

JUMO TYA-201 / -202
SCR power controllers
Types 709061/709062



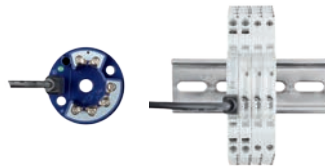
JUMO TYA-432
SCR power switches
Types 709010/709020



Temperature transmitter

The JUMO dTRANS T series offers the right transmitter for your specific application. Whether in head or rail installation the converter transforms the temperature determined by the connected temperature sensor into a precise standard signal for further processing in your production plant. In Ex-applications, the Ex-i repeater power supply / input isolating amplifier ensures secure separation of the Ex and non-Ex area.

JUMO dTRANS T05
Programmable 2-wire transmitters
Types 707050/707051



Ex-i repeater power supply / input isolating amplifier
Type 707530



JUMO dTRANS T02 Ex
Programmable 4-wire transmitter
Type 707025



JUMO dTRANS T01 HART®/Ex
Programmable 2-wire transmitter
Types 707013/707016



Digital indicators

Digital indicators enable a precise on-site display of process values and allow you to keep an eye on values that are important for a smooth production process.

JUMO mTRON T automation system

With the JUMO mTRON T system you can flexibly control your production system. The integrated PLC (COD-ESYS V3) allows you to create customized PLC programs according to IEC 61131-3.

JUMO mTRON T
Measuring, control, and automation system
Type 705000



JUMO di08 / di308
Digital indicators
Types 701531/701550





JUMO mTRON T

The scalable measuring, control, and automation system

JUMO mTRON T combines a reliable measured value recording system, a control system that is intuitive to operate, and a complete automation solution.

Operating, Visualization,
Recording

HMI Multifunction panel 840 (type 705060)

Basic module

CPU Central processing unit (type 705001)

Input/output modules

2...4 Multichannel controller module (type 705010)

4 Relay module 4-channel (type 705015)

4 Analog input module 4-channel (type 705020)

8 Analog input module 8-channel (type 705021)

I/O 12 12-channel digital input/output module (type 705030)

Special module

Router Router module (type 705040)



System structure

JUMO mTRON T has a module design and uses an Ethernet-based system bus and an integrated PLC – even for decentralized automation tasks. The measuring, control, and automation system can be used universally and combines JUMO’s comprehensive process know-how with a simple, application-oriented, and user-friendly configuration concept.

The heart of JUMO mTRON T is the **central processing unit** with a process map for up to 30 input/output modules. The CPU contains superior communication interfaces, including a web server. For individual control applications the system features a PLC (CODESYS V3), program generator and limit value monitoring functions, and mathematic and logic modules.

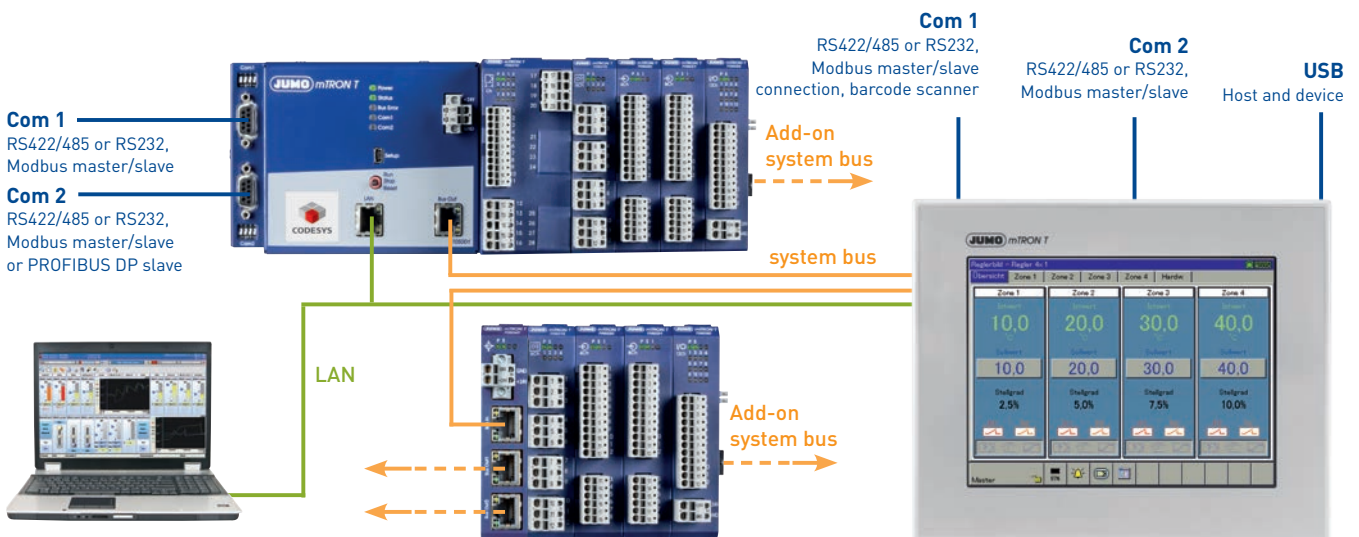
Various function blocks are available as **input/output modules**. Examples are the 4-channel analog input module

with four galvanically isolated universal analog inputs for thermocouples, RTD temperature probes, and standard signals. As a result the same hardware can be used to precisely record and digitize a highly diverse range of process variables, thereby simplifying planning, resource management, and stock keeping. Each **multichannel controller module** supports up to four independent PID control circuits with fast cycle time and a proven control algorithm without burdening the central unit. The system allows simultaneous operation of up to 120 control circuits which also makes it suitable for demanding control processes. Optional slots allow you to individually expand and adjust the inputs and outputs of each controller module. In addition, an analog input module with 8 channels for RTD temperature probes with 2-wire circuits, a 4-channel relay module, and a 12-channel digital input/output module are also available. The input/output modules can also be arranged in a decentralized con-

figuration using router modules.

In addition to providing a visualization of measured values the **multifunction panel** enables convenient operation of the controller and program generator. User-dependent access to parameter and configuration data for the entire system is still possible. The recording functions of a fully adequate paperless recorder, including a web server, are implemented as a special feature. Proven PC programs with standard pre-defined screens are available for reading out and evaluating historical data.

Setup software is used to configure the hardware and software as well as to design projects for measured value recording and control tasks. Users create their own, highly efficient automation solutions with CODESYS editors in compliance with IEC 61131-3. The entire application is recorded in a project file.





Monitoring

To protect people, the environment, the plant, and product the monitoring of temperature limit values is especially important in numerous technical areas of plants and even required by legal regulations in many cases. With JUMO you can operate your plant safely, whether with electronic or electromechanical products.

- Safety temperature limiter, monitor according to DIN 14597
- Electronic thermostats
- Panel-mounted thermostats
- Surface-mounted thermostats
- Ex thermostats
- Dial thermometers



Monitoring with electronic safety temperature limiters/monitors and electromechanical thermostats

Electronic temperature monitoring is vital in many applications. In particular when it involves safety-related temperature monitoring of special system equipment which can pose an enormous hazard to people, the environment, the product, and production system when defined limit values are not observed. With the safetyM product line JUMO offers sophisticated electronic temperature limiter/monitors to avoid such hazards. The advantage here: in case the system's defined maximum or minimum temperature is exceeded or not reached, for example, the electronics ensure that the system or equipment is safely shut down with the utmost precision.

In applications where no auxiliary can be supplied to power the electronics the electromechanical thermostats reliably perform their tasks and thus play a crucial role in ensuring a safe production system or equipment design. The thermostats operate according to the liquid expansion principle: the liquids in the measuring system expand when heated and transmission mechanics activate a microswitch which then safely shuts down the system.

JUMO safetyM STB/STW/Ex

Safety temperature limiters/monitors according to DIN EN 14597
Types 701150/701155



JUMO safetyM TB/TW 08

Temperature limiters/monitors according to DIN EN 14597 as built-in and rail-mounted device
Types 701160/701170



JUMO surface-mounted thermostat ATH

Type 603021



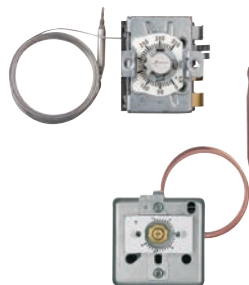
JUMO heatTHERM-AT

Type 603070



JUMO panel-mounted thermostats EM series/heatTHERM series

Types 602021/602030/602031



JUMO frostTHERM-AT

Frost protection thermostat
Type 604100



JUMO bimetal temperature switch

Type 608301



JUMO dial thermometer

Type 608002





Services & Support

It is the quality of our products that is responsible for such a high level of customer satisfaction. But our reliable after-sales service and comprehensive support are also valued. Let us introduce you to the key services we provide for our innovative JUMO products. You can count on them – anytime, anywhere.

JUMO Services & Support – so that it all comes together!

Manufacturing Service



Are you looking for a competitive and efficient system or component supplier? Regardless of whether you seek electronic modules or perfectly fitting sensors – either for small batches or mass production – we are happy to be your partner. From development to production we can provide all the stages from a single source. In close cooperation with your business our experienced experts search for the optimum solution for your application and incorporate all engineering tasks. Then JUMO manufactures the product for you.

As a result you profit from state-of-the-art manufacturing technologies and our uncompromising quality management systems.

Customer-specific sensor technology

- Development of temperature probes, pressure transmitters, conductivity sensors, or pH and redox electrodes according to your requirements
- A large number of testing facilities
- Incorporation of the qualifications into application
- Material management
- Mechanical testing
- Thermal test



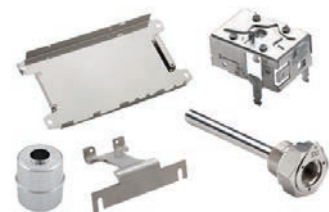
Electronic modules

- Development
- Design
- Test concept
- Material management
- Production
- Logistics and distribution
- After-sales service



Metal technology

- Toolmaking
- Punching and forming technology
- Flexible sheet metal machining
- Production of floats
- Welding, jointing, and assembly technology
- Surface treatment technology
- Quality management for materials





Information & Training



Would you like to increase the process quality in your company or optimize a plant? Then use the offers available on the JUMO website and benefit from the know-how of a globally respected manufacturer. For example, under the menu item "Services and Support" you will find a broad range of seminars. Videos are available under the keyword "E-Learning" about topics specific to measurement and control technology. Under "Literature" you can learn valuable tips for beginners and professionals. And, of course, you can also download the current version of any JUMO software or technical documentation for both newer and older products.

Product Service



We have an efficient distribution network on all continents available to all of our customers so that we can offer professional support for everything concerning our product portfolio. Our team of professional JUMO employees is near you ready to help with consultations, product selection, engineering, or optimum use of our products. Even after our devices are commissioned you can count on us. Our telephone support line is available to give you answers quickly. If a malfunction needs to be repaired on site our Express Repair Service and our 24-hour replacement part service are available to you. That provides peace of mind.

Maintenance & Calibration



Our maintenance service helps you to maintain optimum availability of your devices and plants. This prevents malfunctions and downtime. Together with the responsible parties at your company we develop a future-oriented maintenance concept and are happy to create all required reports, documentation, and protocols. Because we know how important precise measurement and control results are for your processes we naturally also professionally calibrate your JUMO devices – on site at your company or in our accredited DAkkS calibration laboratory for temperature. We record the results for you in a calibration certificate according to EN 10 204.



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