JUMO digiLine O-DO S10
Digital optical sensor for dissolved oxygen in aqueous solutions
- Precise measurement with long-term stability
- Suitable for fresh and salt water
- Immediately ready for use due to factory calibration
- No minimum inflow
- Easy connection to field devices and process control systems due to analog output (4 to 20 mA) and RS485/Modbus RTU interface
- Plug and Play on the JUMO digiLine bus system
- Extremely easy to maintain due to robust and easily replaceable sensor cap
- Automatic error diagnosis
- Can be used up to a water depth of 50 m
- Simple and convenient calibration of the sensor on the PC

JUMO DICON touch
Two or four-channel process and program controller
- Two or four-channel controller for connecting different processes
- Implementation of a large number of automatically controlled processes
- Sustainable data acquisition and archiving of process data through integrated recording function
- Reduction of an additional recorder
- Implementation and visualization of time-controlled processes via 32 user programs
- Simple operation due to the individual layout of 4 process screens

New Products 2020
www.jumo.net
**JUMO BlackLine CR 4P**

Conductive four-electrode conductivity sensor
- High-quality 4-pole graphite measuring cell for a wide range of applications
- Wide measuring range for applications even in media with very different conductivity: 1 µS/cm to 300 mS/cm (K = 0.25 cm⁻¹)
- Reliable measurement in pressurized lines up to 6 bar
- Suitable for any commercially available fitting with Pg 13.5 screw connection

**JUMO tecLine CR S01**

Conductive two-electrode conductivity sensor
- Compact design type
- Also suitable for pipes with small nominal widths
- Cold and heat resistant
- Precise measurement within a wide measuring range: 0.1 to 100 µS/cm (K = 0.1 cm⁻¹) or 1 to 5000 µS/cm (K = 0.1 cm⁻¹)
- Straightforward mounting due to globally standardized threads
- Resistant to acidic, basic, and chlorinated media
- Easy to clean

**JUMO dTRANS T06 Ex**

Multifunctional four-wire transmitter in mounting rail case with SIL and Ex approval
- Universal input for a large number of sensors and standard signals
- Enables the establishment of safe measuring chains (SIL 2/3)
- Ex-approved according to ATEX and IECEx allows the use of the sensor in zone 0
- Intuitive operation and configuration on the device or through USB interface with setup program
- Sensor matching for RTD temperature probes
- Customer-specific linearization
- High level of galvanic signal isolation

**JUMO dTRANS T06 Junior**

Entry-level multifunctional four-wire transmitter
- Measuring input for RTD temperature probes, thermocouples, voltage signals, and resistance transmitters
- High degree of measuring accuracy in the individual application due to customer-specific linearization
- Robust stainless steel housing
- High degree of vibration and shock resistance
- Reduced mounting costs thanks to M12 connections on both sides

**JUMO dTRANS T09**

Cable transmitter for temperature
- Efficient retrofitting and simple digitization of plants
- Analog output in 2-10 or 0-10 Link interface
- High degree of process reliability and long operating life due to robust stainless steel housing
- High degree of vibration and shock resistance
- Reduced mounting costs thanks to M12 connections on both sides

**JUMO LOGOSCREEN 601**

Paperless recorder with touchscreen
- Secure data recording and processing by TÜV approved manipulation detection
- High process reliability due to AMS2750, CQI-9, and FDA compliant data recording
- Batch report with automatic batch printout
- Individual adaptation to user applications and batch control through ST code
- Up to 2 counting inputs (12.5 kHz) for flow measurement, etc.
- High level of interface flexibility via Modbus master function and PROFINET
JUMO digiLine O-DO S10
Digital optical sensor for dissolved oxygen in aqueous solutions
- Precise measurement with long-term stability
- Suitable for fresh and salt water
- Immediately ready for use due to factory calibration
- No minimum inflow
- Easy connection to field devices and process control systems due to analog output (4-20 mA) and RS485/Modbus RTU interface
- Plug and Play on the JUMO digiLine bus system
- Extremely easy to maintain due to robust and easily replaceable sensor cap
- Automatic error diagnosis
- Can be used up to a water depth of 50 m
- Simple and convenient calibration of the sensor on the PC

New Products 2020

JUMO DICON touch
Two/four-channel process and program controller
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www.jumo.net
JUMO BlackLine CR 4 P
Conductive four-electrode conductivity sensor
- High-quality 4-pole graphite measuring cell for a wide range of applications
- Wide measuring range for applications even in media with very different conductivities: 1 µS/cm to 300 mS/cm (K = 0.25 cm⁻¹)
- Straightforward mounting due to globally standardized threads
- Resistant to acids, bases, and chlorinated media
- Easy to clean

JUMO tecLine CR S01
Conductive two-electrode conductivity sensor
- Compact design type
- Also suitable for pipes with small nominal widths
- Cold and heat resistant
- Precise measurement within a wide measuring range: 0.1 to 1000 µS/cm (K = 0.1 cm⁻¹) or 1 to 5000 µS/cm (K = 1.0 cm⁻¹)
- Suitable for any commercially available fitting with Pg 13.5 screw connection

JUMO tecLine CR 501
Conductive five-electrode conductivity sensor
- Compact design type
- Also suitable for pipes with small nominal widths
- Cold and heat resistant
- Precise measurement within a wide measuring range: 1 µS/cm to 300 mS/cm (K = 0.25 cm⁻¹)
- Straightforward mounting due to globally standardized threads
- Resistant to acids, bases, and chlorinated media
- Easy to clean

JUMO dTRANS T06 Junior
Multifunctional four-wire transmitter
- Measuring input for RTD temperature probes, thermocouples, voltage signals, and resistance transmitters
- High degree of measuring accuracy in the individual application due to customer-specific linearization
- Galvanic isolation ensures process reliability even under critical environmental influences
- Cool emission due to faster startup and planarable maintenance
- Reduces size saves space in the control cabinet

JUMO dTRANS T09
Cable transmitter for temperature
- Efficient retrofitting and simple digitization of plants
- Analog outputs is in 0- and 4-20 mA interface
- High level of process reliability and long operating life due to robust stainless steel housing
- High degree of vibration and shock resistance
- Reduced mounting costs thanks to M12 connections on both sides

JUMO dTRANS T06 Ex
Multifunctional four-wire transmitter in mounting rail case with SIL and Ex approval
- Universal input for a large number of sensors and standard signals
- Enables the establishment of safe measuring chains (SIL 2, SIL 3)
- Ex-approved according to ATEX and IECEx allows the use of the sensor in zone 0
- Intrinsically safe design and configuration at the device or through USB interface with setup program
- Sensor matching for RTD temperature probes
- Customer-specific linearization
- High level of galvanic signal isolation

JUMO LOGOSCREEN 601
Paperless recorder with touchscreen
- Secure data recording and processing by TÜV approved manipulation detection
- High process reliability due to AMS2750, CQI-9, and FDA compliant data recording
- Batch report with automatic batch printout
- Individual adaptation to user applications and batch control through ST code
- Up to 2 counting inputs (12.5 kHz) for flow measurement, etc.
- High level of interface flexibility via Modbus master function and PROFINET

JUMO LOGOSCREEN 610
Paperless recorder with touchscreen
- Secure data recording and processing by TÜV approved manipulation detection
- High process reliability due to AMS2750, CQI-9, and FDA compliant data recording
- Batch report with automatic batch printout
- Individual adaptation to user applications and batch control through ST code
- Up to 2 counting inputs (12.5 kHz) for flow measurement, etc.
- High level of interface flexibility via Modbus master function and PROFINET
JUMO tecLine CR S01
Conductive two-electrode conductivity sensor
- Compact design type
- Also suitable for pipes with small nominal widths
- Cold and heat resistant
- Precise measurement within a wide measuring range: 0.1 to 1000 µS/cm (K = 0.1 cm⁻¹) or 1 to 5000 µS/cm (K = 1.0 cm⁻¹)
- Straightforward mounting due to globally standardized threads
- Resistant to acidic, basic, and chlorinated media
- Easy to clean

Type 202928

JUMO dTRANS T06 Junior
Entry-level multifunctional four-wire transmitter
- Measuring input for RTD temperature probes, thermocouples, voltage signals, and resistance transmitters
- High degree of measuring accuracy in the individual application due to customer-specific linearization
- Robust stainless steel housing
- High degree of vibration and shock resistance
- Reduced mounting costs thanks to M12 connections on both sides

Type 706520

JUMO dTRANS T06 Ex
Multifunctional four-wire transmitter in mounting rail case with SIL and Ex approval
- Measuring input for a large number of sensors and standard signals
- Enables the establishment of safe measuring chains DIN EN 61508
- Ex-approved according to ATEX and IECEx allows the use of the sensor in zone I
- Intuitive operation and configuration on the device or through USB interface with setup program
- Sensor matching for RTD temperature probes
- Customer-specific linearization
- High level of galvanic signal isolation

Type 707050

JUMO LOGOSCREEN 601
Paperless recorder with touchscreen
- Secure data recording and processing by TÜV approved manipulation detection
- High process reliability due to AMS2750, CQI-9, and FDA compliant data recording
- Batch report with automatic batch printout
- Individual adaptation to user applications and batch control through ST code
- Up to 2 counting inputs (12.5 kHz) for flow measurement, etc.
- High level of interface flexibility via Modbus master function and PROFINET

Type 706427
JUMO digiLine O-DO S10
Digital optical sensor for dissolved oxygen in aqueous solutions

- Precise measurement with long-term stability
- Suitable for fresh and salt water
- Immediately ready for use due to factory calibration
- No minimum inflow
- Easy connection to field devices and process control systems due to analog output (4 to 20 mA) and RS485/Modbus RTU interface
- Plug and Play on the JUMO digiLine bus system
- Extremely easy to maintain due to robust and easily replaceable sensor cap
- Automatic error diagnosis
- Can be used up to a water depth of 50 m
- Simple and convenient calibration of the sensor on the PC

JUMO DICON touch
Two/four-channel process and program controller

- Two or four-channel controller for connecting different processes
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