2023 Stock Catalog USA
In stock and ready to ship
This stock catalog lists the products we have in our US warehouse in stock and ready to ship, but our full product selection is vast. If you don’t see exactly what you are looking for, you can visit our website, call, or email us. We would be happy to help you find the right product. Many more products are available as stock items at JUMO headquarters in Germany, or we can work with you to build the right custom product for your particular application. We have a long history of success partnering with OEM manufacturers to supply custom components. Prices are valid through 2023.

You can view and download our terms and conditions online:
JUMO Mineral-Insulated Thermocouples with Compensating Cable
According to DIN 43710 and DIN EN 60584 (901210)

Features
• For temperatures between -328 and 2192 °F (-200 and 1200 °C)
• Flexible sheath cable with vibration-resistant measuring insert
• Protection tube diameter: 1.5 mm
• Quick response time
• Application-specific insertion length

<table>
<thead>
<tr>
<th>Part number</th>
<th>Operating temperature</th>
<th>Measuring Insert</th>
<th>Diameter</th>
<th>Fitting length</th>
<th>Cable length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00445812</td>
<td>-328 to 2192 °F (-200 to 1200 °C)</td>
<td>1 x NiCr-Ni “K”</td>
<td>1.5 mm</td>
<td>190 mm</td>
<td>3000 mm</td>
<td>$76.14</td>
</tr>
</tbody>
</table>

JUMO Screw-in RTD Temperature Probe with form B terminal head (902020)

Features
• For temperatures between -58 and 752 °F (-50 and 400 °C)
• With interchangeable measuring insert
• As single or double RTD temperature probe
• Available with transmitter
• Protection type IP65

<table>
<thead>
<tr>
<th>Part number</th>
<th>Class</th>
<th>Operating temperature</th>
<th>Measuring insert</th>
<th>Diameter</th>
<th>Fitting length</th>
<th>Process connection</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00329928</td>
<td>B</td>
<td>-58 to 752 °F (-50 to 400 °C)</td>
<td>2 x Pt 100 (2-wire)</td>
<td>9 mm</td>
<td>100 mm</td>
<td>Thread G 1/2</td>
<td>$229.94</td>
</tr>
<tr>
<td>00439161</td>
<td>B</td>
<td>-58 to 752 °F (-50 to 400 °C)</td>
<td>1 x Pt 100 (3-wire)</td>
<td>9 mm</td>
<td>160 mm</td>
<td>Thread 1/2-14 NPT</td>
<td>$215.54</td>
</tr>
</tbody>
</table>

JUMO Screw-in RTD Temperature Probe with form J terminal head (902030)

Features
• For temperatures between -58 and 752 °F (-50 and 400 °C)
• As single or double RTD temperature probe
• Protection type IP65

<table>
<thead>
<tr>
<th>Part number</th>
<th>Operating temperature</th>
<th>Measuring insert</th>
<th>Diameter</th>
<th>Fitting length</th>
<th>Process connection</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00055492</td>
<td>-58 to 752 °F (-50 to 400 °C)</td>
<td>1 x Pt 100 (2-wire)</td>
<td>6 mm</td>
<td>50 mm</td>
<td>Thread G 1/2</td>
<td>$155.25</td>
</tr>
<tr>
<td>00055693</td>
<td>-58 to 752 °F (-50 to 400 °C)</td>
<td>1 x Pt 100 (2-wire)</td>
<td>6 mm</td>
<td>100 mm</td>
<td>Thread G 1/2</td>
<td>$152.39</td>
</tr>
<tr>
<td>00055494</td>
<td>-58 to 752 °F (-50 to 400 °C)</td>
<td>1 x Pt 100 (2-wire)</td>
<td>6 mm</td>
<td>150 mm</td>
<td>Thread G 1/2</td>
<td>$136.09</td>
</tr>
<tr>
<td>00383011</td>
<td>-58 to 752 °F (-50 to 400 °C)</td>
<td>2 x Pt 100 (2-wire)</td>
<td>6 mm</td>
<td>50 mm</td>
<td>Thread G 1/2</td>
<td>$170.65</td>
</tr>
</tbody>
</table>
### JUMO Screw-in RTD Temperature Probe

**with connecting cable (902050)**

**Features**
- For measuring temperatures in liquids and gases
- For temperatures from -58 to 572 °F (-50 to 300°C)
- Ability to form reliable seals for vacuum and high pressure applications
- Single RTD temperature probe in 2-wire circuit
- Shielded connecting cable is bend-protected

<table>
<thead>
<tr>
<th>Part number</th>
<th>Cable shielding</th>
<th>Process connection</th>
<th>Operating temperature</th>
<th>Measuring insert</th>
<th>Diameter</th>
<th>Fitting length</th>
<th>Cable length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00059722</td>
<td>Shielded connecting cable</td>
<td>Thread M8 (x1.25)</td>
<td>-58 to 572 °F [-50 to 300 °C]</td>
<td>1 x Pt 100</td>
<td>8 mm</td>
<td>25 mm</td>
<td>2500 mm</td>
<td>$139.07</td>
</tr>
</tbody>
</table>

### JUMO Push-In RTD Temperature Probe

**with connecting cable (902150)**

**Features**
- For temperatures between -58 to 356 °F [-50 to 180°C]
- Single RTD temperature probe in 2-wire circuit
- Connecting cable made of silicone or PTFE

<table>
<thead>
<tr>
<th>Part number</th>
<th>Model</th>
<th>Operating temperature</th>
<th>Measuring insert</th>
<th>Diameter</th>
<th>Fitting length</th>
<th>Cable end</th>
<th>Cable length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00389771</td>
<td>Push-in RTD with connecting cable, one piece protection tube in SS</td>
<td>-58 to 356 °F [-50 to 180 °C]</td>
<td>1 x Pt 100</td>
<td>6 mm</td>
<td>50 mm</td>
<td>Ferrules</td>
<td>2500 mm</td>
<td>$56.71</td>
</tr>
<tr>
<td>00589437</td>
<td>Push-in RTD with connecting cable, multi-part protection tube (welded) in SS</td>
<td>-58 to 356 °F [-50 to 180 °C]</td>
<td>1 x Pt 100</td>
<td>6.4 mm</td>
<td>152.4 mm</td>
<td>Ferrules</td>
<td>2500 mm</td>
<td>$71.46</td>
</tr>
<tr>
<td>00589459</td>
<td>Push-in RTD with connecting cable, one piece protection tube in SS</td>
<td>-58 to 356 °F [-50 to 180 °C]</td>
<td>1 x Pt 100</td>
<td>6 mm</td>
<td>50 mm</td>
<td>Tin plated</td>
<td>2000 mm</td>
<td>$50.35</td>
</tr>
<tr>
<td>00589505</td>
<td>Push-in RTD with connecting cable, multi-part protection tube (welded) in SS</td>
<td>-58 to 356 °F [-50 to 180 °C]</td>
<td>1 x Pt 100</td>
<td>6.4 mm</td>
<td>51 mm</td>
<td>Bare cable</td>
<td>2000 mm</td>
<td>$60.53</td>
</tr>
<tr>
<td>00642527</td>
<td>Push-in RTD with connecting cable</td>
<td>-58 to 500 °F [-50 to 260 °C]</td>
<td>1 x Pt 100</td>
<td>4.8 mm</td>
<td>76 mm</td>
<td>Contact pin</td>
<td>1000 mm</td>
<td>$98.02</td>
</tr>
</tbody>
</table>

### JUMO Mineral-Insulated RTD Temperature Probes

**with connecting cable according to DIN EN 60751 (902210)**

**Features**
- Flexible mineral insulated cable with vibration resistant measuring insert
- Sheath contains low-ohmic copper conductor wires embedded in compressed, heat-resistant magnesium oxide
- For temperatures between -58 and 1112 °F [-50 and 600 °C]
- Quick response time

<table>
<thead>
<tr>
<th>Part number</th>
<th>Operating temperature</th>
<th>Measuring Input</th>
<th>Diameter</th>
<th>Fitting length</th>
<th>Cable Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00055763</td>
<td>-58° to 1112 °F [-50 to 600 °C]</td>
<td>1x Pt1000 3-wire</td>
<td>3mm</td>
<td>300mm</td>
<td>2500 mm</td>
<td>$128.36</td>
</tr>
<tr>
<td>0068243</td>
<td>-58° to 1112 °F [-50 to 600 °C]</td>
<td>1x Pt1000 3-wire</td>
<td>3mm</td>
<td>100 mm</td>
<td>2500 mm</td>
<td>$122.60</td>
</tr>
</tbody>
</table>

www.jumousa.com :: For non-stock or custom variations, please call us at (315) 437-5866 or email info.us@jumo.net
JUMO FOODtemp

Insertion RTD temperature probe (902350)

Features
- For temperatures between -58 to 500 °F (-50 to 260 °C)
- Steam tight and pressure resistant
- High mechanical strength
- In 3-wire circuit
- Available with multiple measuring points

<table>
<thead>
<tr>
<th>Part number</th>
<th>Model</th>
<th>Diameter</th>
<th>Insertion tip</th>
<th>Cable length</th>
<th>Connecting cable specs</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00083792</td>
<td>RTD insertion temperature probe with PPS plastic handle Ø 20 mm and PTFE cable</td>
<td>4 mm</td>
<td>Centric, angle 25°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$301.82</td>
</tr>
<tr>
<td>00089569</td>
<td>RTD insertion temperature probe with PPS plastic handle Ø 20 mm and PTFE cable</td>
<td>4 mm</td>
<td>Centric, angle 25°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$318.45</td>
</tr>
<tr>
<td>00325266</td>
<td>RTD insertion temperature probe with PTFE handle Ø 15 mm and PTFE cable</td>
<td>4.5 mm</td>
<td>Bevel, angle 45°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$442.81</td>
</tr>
<tr>
<td>00328395</td>
<td>RTD insertion temperature probe with PTFE handle Ø 15 mm and PTFE cable</td>
<td>4 mm</td>
<td>Centric, angle 25°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$387.59</td>
</tr>
<tr>
<td>00333089</td>
<td>RTD insertion temperature probe with PTFE handle Ø 15 mm and PTFE cable</td>
<td>4 mm</td>
<td>Centric, angle 25°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$384.75</td>
</tr>
<tr>
<td>00338153</td>
<td>RTD insertion temperature probe with silicone handle Ø 10 mm and silicone cable</td>
<td>4 mm</td>
<td>Centric, angle 25°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$200.04</td>
</tr>
<tr>
<td>00369207</td>
<td>Miniature RTD insertion temperature probe with PPM handle Ø 6.5 mm and shielded PTFE cable</td>
<td>Ø 4 mm stepped down to Ø 2.5 mm</td>
<td>Centric, angle 25°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$245.55</td>
</tr>
<tr>
<td>00412785</td>
<td>RTD insertion temperature probe with PPS plastic handle Ø 20 mm and PTFE cable</td>
<td>4 mm</td>
<td>Centric, angle 25°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$287.87</td>
</tr>
<tr>
<td>00475199</td>
<td>RTD insertion temperature probe with silicone handle Ø 10 mm and PTFE cable</td>
<td>4.5 mm</td>
<td>Centric, angle 25°</td>
<td>8000 mm</td>
<td>Shielded</td>
<td>$276.28</td>
</tr>
<tr>
<td>00523228</td>
<td>RTD insertion temperature probe with PEEK handle and PTFE cable</td>
<td>4 mm</td>
<td>Bevel, angle 25°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$244.90</td>
</tr>
<tr>
<td>00585550</td>
<td>RTD insertion temperature probe with PEEK handle and PTFE cable</td>
<td>Ø 4 mm stepped down to Ø 2.5 mm</td>
<td>Centric, angle 25°</td>
<td>4000 mm</td>
<td>Shielded</td>
<td>$285.29</td>
</tr>
</tbody>
</table>
JUMO Surface RTD Temperature Probe
with connecting cable (902550)

Features
- For temperatures from -58 to 500 °F (-50 to 260 °C)
- Aluminum protection fittings
- Simple and quick installation
- Low thermal mass
- Used for measuring temperatures on closed pipe systems and/or other round or level surfaces

<table>
<thead>
<tr>
<th>Part number</th>
<th>Operating temperature</th>
<th>Measuring insert</th>
<th>Class</th>
<th>Connecting cable ends</th>
<th>Cable length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00306774</td>
<td>-58 to 500 °F (-50 to 260 °C)</td>
<td>1x Pt 100 (2-wire)</td>
<td>B</td>
<td>Ferrules</td>
<td>2500 mm</td>
<td>$100.93</td>
</tr>
</tbody>
</table>

JUMO STEAMtemp Push-in RTD Temperature Probe
in steam tight version (902830)

Features
- For temperatures between -58 to 302 °F (-50 to 150 °C)
- As single or double RTD temperature probe
- Preferred choice for measuring in sterilizers and other applications in a pressurized atmosphere containing steam, such as laboratory equipment

<table>
<thead>
<tr>
<th>Part number</th>
<th>Operating temperature</th>
<th>Measuring insert</th>
<th>Diameter</th>
<th>Class</th>
<th>Fitting length</th>
<th>Cable length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00374486</td>
<td>-58 to 302 °F (-50 to 150 °C)</td>
<td>2 x Pt 100 (3-wire)</td>
<td>6 mm</td>
<td>A</td>
<td>200 mm</td>
<td>5000 mm</td>
<td>$185.04</td>
</tr>
<tr>
<td>00446561</td>
<td>-58 to 302 °F (-50 to 150 °C)</td>
<td>1 x Pt 100 (3-wire)</td>
<td>6 mm</td>
<td>A</td>
<td>200 mm</td>
<td>5000 mm</td>
<td>$171.03</td>
</tr>
</tbody>
</table>

JUMO Wtrans T
RTD Temperature Probe with Wireless Data Transmission (902930)

Features
- Measuring ranges: -22 to +500 °F or -328 to +1112 °F
- Radio frequency: 868.4 MHz or 915 MHz
- Also available with ATEX approval *ATEX only comes in 868MHz
- Open air range up to 300 m
- Wiring expenses are eliminated with modern wireless technology
- Fail-safe transmission with telegram coding
- Battery status monitoring
- Configurable with easy-to-use PC setup program

<table>
<thead>
<tr>
<th>Part number</th>
<th>Operating temperature</th>
<th>Measuring input</th>
<th>Transmit. frequency</th>
<th>Insertion length</th>
<th>Insertion tip</th>
<th>Diameter</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00496833</td>
<td>-22...500°F (-30...260°C)</td>
<td>1x Pt1000 3-wire</td>
<td>915 MHz</td>
<td>100 mm</td>
<td>bevel, angle 45°</td>
<td>Ø 4mm</td>
<td>$556.25</td>
</tr>
</tbody>
</table>

PC Interface cable
<table>
<thead>
<tr>
<th>Interface</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery-Set 3,6 V/1700 mAh Lithium (+125°C) EBD BATTERY ETS</td>
<td>$47.81</td>
</tr>
<tr>
<td>PC interface with converter USB/TTL</td>
<td>$237.05</td>
</tr>
</tbody>
</table>
JUMO wTRANS receiver
Universal Receiver for JUMO Wireless Measuring Probes (902931)

Features
- Universal receiver for JUMO wireless measuring probe
- In combination with corresponding transmitter for RTD temperature probes, thermocouples, resistance/potentiometer, voltage input, or pressure measurement
- Wiring expenses are eliminated with modern wireless technology
- For up to 16 transmitters per receiver (can be freely combined)
- RS485 interface with Modbus protocol
- Four analog outputs/up to two switching outputs (relay)
- Operation directly on device or by using setup program on PC
- Customer-specific linearization (40 value pairs or 4th order polynomial)

<table>
<thead>
<tr>
<th>Part number</th>
<th>Basic type</th>
<th>Transmitter frequency</th>
<th>Voltage supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00543002</td>
<td>Wrans receiver T01.EC1 with wireless transmission of the measured values, 4 analog outputs</td>
<td>915 MHz</td>
<td>AC 110..240V +10/-15%,48..63Hz</td>
<td>$803.77</td>
</tr>
</tbody>
</table>

PC interface cable | Interface | Price |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00482648</td>
<td>Antenna wall bracket with opposite pole for Lambda/4-antenna</td>
<td>$30.22</td>
</tr>
<tr>
<td>00456352</td>
<td>Converter USB/TTL</td>
<td>$237.03</td>
</tr>
</tbody>
</table>

JUMO EM-Series
Panel mounted thermostats up to 572 °F (300 °C) (602021)

Features
- Liquid or gas expansion
- Self-monitoring in the event of a pressure drop
- Safety cut-out at -4 °F [-20 °C]
- Single-pole snap switches

<table>
<thead>
<tr>
<th>Part number</th>
<th>Basic type</th>
<th>Range</th>
<th>Capillary length</th>
<th>Switching differential</th>
<th>Probe diameter</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>60000211</td>
<td>EM-5 Temperature limiter, adjustable (TLB), 1-pole</td>
<td>122 to 572 °F [50 to 300 °C]</td>
<td>1000 mm</td>
<td>2.5 %</td>
<td>6 mm</td>
<td>$228.47</td>
</tr>
<tr>
<td>60000494</td>
<td>EM-1 Temperature controller (TR), 1-pole</td>
<td>32 to 212 °F [0 to 100 °C]</td>
<td>1000 mm</td>
<td>2.5 %</td>
<td>6 mm</td>
<td>$184.55</td>
</tr>
<tr>
<td>60000495</td>
<td>EM-1 Temperature controller (TR), 1-pole</td>
<td>122 to 572 °F [50 to 300 °C]</td>
<td>1000 mm</td>
<td>2.5 %</td>
<td>6 mm</td>
<td>$213.92</td>
</tr>
<tr>
<td>60000923</td>
<td>EM-1 Temperature controller (TR), 1-pole</td>
<td>122 to 572 °F [50 to 300 °C]</td>
<td>2000 mm</td>
<td>2.5 %</td>
<td>6 mm</td>
<td>$225.62</td>
</tr>
<tr>
<td>60000924</td>
<td>EM-5 Temperature limiter, adjustable (TLB), 1-pole</td>
<td>32 to 302 °F [0 to 150 °C]</td>
<td>1000 mm</td>
<td>2.5 %</td>
<td>6 mm</td>
<td>$199.09</td>
</tr>
<tr>
<td>60002717</td>
<td>EM-1 Temperature controller (TR), 1-pole</td>
<td>32 to 212 °F [0 to 100 °C]</td>
<td>1000 mm</td>
<td>2.5 %</td>
<td>8 mm</td>
<td>$184.55</td>
</tr>
</tbody>
</table>
JUMO dTRANS T03
2-wire/3-wire transmitter (707030)

Features
- Designs for B head or DIN rail installation
- PT100 (2 or 3-wire connection)
- Analog measured value processing
- Smallest measuring range 25 kelvin
- Output: 2-wire 4 to 20 mA; 3-wire 0 to 10 V
- Adjustable/configurable version
- Measuring circuit monitoring NAMUR NE 43
- Fine adjustment/configuration via setup program

<table>
<thead>
<tr>
<th>Part number</th>
<th>Input</th>
<th>Output</th>
<th>Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00394779</td>
<td>1 x Pt 100 (3-wire)</td>
<td>4 to 20 mA (2-wire)</td>
<td>32 to 212 °F (0 to 100 °C)</td>
<td>$93.62</td>
</tr>
<tr>
<td>00438518</td>
<td>1 x Pt 100 (3-wire)</td>
<td>0 to 10V (3-wire)</td>
<td>32 to 212 °F (0 to 100 °C)</td>
<td>$190.57</td>
</tr>
</tbody>
</table>

PC Interface cable

PC interface with Converter USB/SPI $282.64

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JUMO dTRANS T05
Input programmable 2-wire transmitter (707050)

Measuring input for RTD temperature probe, thermocouple, resistor / potentiometer, resistance transmitter, and voltage

Features
- Input and output are galvanically isolated
- Control LED (red/green)
- Configuration directly via USB cable (mini B) without additional auxiliary voltage
- Customer-specific linearization
- Detection of the min./max. process value (drag indicator function including point in time)
- Option to specify the temperature in °F for temperature sensors

<table>
<thead>
<tr>
<th>Part number</th>
<th>Input</th>
<th>Output</th>
<th>Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00582219</td>
<td>1 x Pt 100 (3-wire)</td>
<td>4 to 20 mA analog</td>
<td>32 to 212 °F (0 to 100 °C)</td>
<td>$184.14</td>
</tr>
</tbody>
</table>
JUMO dTRANS T06
Multifunctional Four-Wire Transmitter in Mounting Rail Case (707071)

Features
- Universal input for a large number of sensors and standard signals
- Intuitive operation and configuration on the device or through USB interface with setup program
- RS485 interface [Modbus RTU] and relay output limit value [option]
- Intelligent additional functions such as min./max. drag indicator, operating hours counter, and output simulation
- SIL 2/SIL 3 according to DIN EN 61508 and PL c/d according to DIN ISO 13849 [option]
- Sensor matching for RTD temperature probes

<table>
<thead>
<tr>
<th>Part number</th>
<th>Voltage supply</th>
<th>Input 1</th>
<th>Output</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>08694861</td>
<td>DC24V ±10/-15 %</td>
<td>0...100</td>
<td>4..20 mA</td>
<td>$435.90</td>
</tr>
</tbody>
</table>

JUMO eTRON M
Electronic microstat (701060) (701150)

Features
- Three digit backlit LCD display with special characters
- Measuring input for RTD temperature probes, thermocouples, and current or voltage standard signals
- 1 x 10 A relay [changeover contact] or 2 x 5 A relays [normally open contact]
- Customer-specific linearization via tabular function
- Heating operation, cooling operation, or limit value monitoring
- Adjustable switching hysteresis
- Counters for operating hours and service
- Optional configuration with setup program
- UL approval

<table>
<thead>
<tr>
<th>Part number</th>
<th>Format</th>
<th>Input</th>
<th>Output</th>
<th>Power supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00442685</td>
<td>76 x 36 mm</td>
<td>Pt 100 (2-wire)</td>
<td>relay (changeover 10A/250V)</td>
<td>AC115V ±10/15 %, 48 to 63Hz</td>
<td>$191.47</td>
</tr>
<tr>
<td>00463300</td>
<td>76 x 36 mm</td>
<td>Pt 1000 (2-wire)</td>
<td>2 relays (make 5A/250V)</td>
<td>DC12 to 24V ±15 %, AC 24V ±15 %</td>
<td>$191.47</td>
</tr>
<tr>
<td>00479733</td>
<td>76 x 36 mm</td>
<td>Fe-CuNi “J”</td>
<td>2 relays (make 5A/250V)</td>
<td>AC115V ±10/15 %, AC 24V ±15 %</td>
<td>$191.47</td>
</tr>
<tr>
<td>00480749</td>
<td>76 x 36 mm</td>
<td>Fe-CuNi “K”</td>
<td>2 relays (make 5A/250V)</td>
<td>DC12 to 24V ±15 %, AC 24V ±15 %</td>
<td>$191.47</td>
</tr>
</tbody>
</table>

PC Interface cable

<table>
<thead>
<tr>
<th>Part number</th>
<th>Interface</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00301315</td>
<td>PC interface with converter RS232/TTL</td>
<td>$124.05</td>
</tr>
<tr>
<td>00456352</td>
<td>PC interface with converter USB/TTL</td>
<td>$218.67</td>
</tr>
</tbody>
</table>
JUMO eTRON T100
Electronic Thermostat (701052)

Features
- 5 measuring input groups available
- User level with 8 parameters
- Dot matrix display 64 x 80 pixels with 4 national languages
- Data logger function
- Service and operating hours counter
- Connection via terminal blocks with PUSH IN technology
- 10 A relay (changeover contact)
- Customer-specific linearization in the setup program
- Limit value monitoring
- Timer function
- Meeting the standards and specifications for use in rail vehicles according to DIN EN 50155, DIN EN 50121, and DIN EN 45545

<table>
<thead>
<tr>
<th>Part number</th>
<th>Format</th>
<th>Input</th>
<th>Output</th>
<th>Voltage Supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00680789</td>
<td>48x96 mm</td>
<td>1x analog input, 1x digital input</td>
<td>1x digital output</td>
<td>AC 110..240V +10/-15%,48..63Hz</td>
<td>$470.34</td>
</tr>
<tr>
<td>00680795</td>
<td>9x64 mm</td>
<td>1x analog input, 1x digital input</td>
<td>1x digital output</td>
<td>AC 110..240V +10/-15%,48..63Hz</td>
<td>$470.34</td>
</tr>
<tr>
<td>00680798</td>
<td>9x69 mm</td>
<td>1x analog input, 1x digital input</td>
<td>1x digital output</td>
<td>AC 110..240V +10/-15%,48..63Hz</td>
<td>$477.63</td>
</tr>
</tbody>
</table>

JUMO diraTRON
Compact Controller (702110/11/12/13/14)

Features
- Fixed value or program controller
- 2 parameter blocks
- Setpoint changeover (4 setpoint values)
- Ramp and timer function
- 4 limit value monitoring functions
- Individual operator level
- Separate application using structured text (ST code; option)
- Fast wiring through PUSH IN technology
- RS485 interface (option)

<table>
<thead>
<tr>
<th>Part number</th>
<th>Format</th>
<th>Input</th>
<th>Output</th>
<th>Power supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00680786</td>
<td>48x48 mm</td>
<td>1x analog input, 1x digital input</td>
<td>digital output</td>
<td>AC 110..240V +10/-15%,48..63Hz</td>
<td>$437.94</td>
</tr>
<tr>
<td>00680787</td>
<td>48x48 mm</td>
<td>1x analog input, 1x digital input</td>
<td>digital output</td>
<td>AC/DC 20..30V,48..63Hz</td>
<td>$437.94</td>
</tr>
</tbody>
</table>

Part Number           Software version 1
00679822             383.81.xx/1.03J

$188.55
JUMO dTRON 304/308/316
Compact controller with program function (703041)

Features
- 48 x 48, 48 x 96 mm, 96 x 48, 96 x 96 mm formats
- Universal analog measuring input, two programmable binary input
- 2-state / 3-state continuous controller, 3-step continuous controller
- Timer / ramp function
- Program with 8 sections
- Customizable function for math and logic
- 4 limit values are monitored
- Modbus interface, PROFIBUS-DP interface
- Standard configuration: 1x universal measuring input, 2x binary inputs, 2x relays, 2x logic output
- Voltage supply for 2-wire transmitter (see data sheet)
- UL approval

<table>
<thead>
<tr>
<th>Part number</th>
<th>Format</th>
<th>Input</th>
<th>Output</th>
<th>Power supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00441973</td>
<td>48 x 48 mm</td>
<td>2 x relay, 2 x logic-in/output 0/12V</td>
<td>1 x analog</td>
<td>AC/DC 110 to 240V +10/-15%, 48 to 63 Hz</td>
<td>$486.07</td>
</tr>
<tr>
<td>00441999</td>
<td>48 x 48 mm</td>
<td>2 x relay, 2 x logic-in/output 0/12V</td>
<td>1 x analog</td>
<td>AC/DC 110 to 240V +10/-15%, 48 to 63 Hz</td>
<td>$554.94</td>
</tr>
<tr>
<td>00442004</td>
<td>48 x 96 mm</td>
<td>2 x relay, 2 x logic-in/output 0/12V</td>
<td>1 x analog</td>
<td>AC/DC 110 to 240V +10/-15%, 48 to 63 Hz</td>
<td>$593.95</td>
</tr>
<tr>
<td>00442005</td>
<td>96 x 48 mm</td>
<td>2 x relay, 2 x logic-in/output 0/12V</td>
<td>1 x analog</td>
<td>AC/DC 110 to 240V +10/-15%, 48 to 63 Hz</td>
<td>$525.08</td>
</tr>
<tr>
<td>00442007</td>
<td>96 x 96 mm</td>
<td>2 x relay, 2 x logic-in/output 0/12V</td>
<td>1 x analog</td>
<td>AC/DC 110 to 240V +10/-15%, 48 to 63 Hz</td>
<td>$530.13</td>
</tr>
<tr>
<td>00475571</td>
<td>96 x 96 mm</td>
<td>2 x relay, 2 x logic-in/output 0/12V</td>
<td>1 x analog</td>
<td>AC/DC 20 to 30V 48 to 63Hz</td>
<td>$530.13</td>
</tr>
</tbody>
</table>

PC Interface cable
- 00301315 PC interface with converter RS232/TTL $124.05
- 00456352 PC interface with converter USB/TTL $218.67

JUMO DICON touch
Two-Channel Process and Program Controller with Paperless Recorder and Touchscreen (703571)

Features
- Precise control of two PID processes
- Easy-to-use program generator control and program entry
- Interfaces: USB host, USB device, Modbus, PROFIBUS DP, PROFINET IO device, and Ethernet
- Process-data recording with tamper-proof data storage
- Individual process-screen display with configurable edit boxes
- Flexible through modular hardware
- Password-protected user management
- Five-digit analog-value display
- Control loop and output value monitoring
- Protection type IP66

<table>
<thead>
<tr>
<th>Part number</th>
<th>Input</th>
<th>Version</th>
<th>Voltage Supply</th>
<th>Dimensions</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00407044</td>
<td>2x universal inputs, 2x relays</td>
<td>Standard with default settings</td>
<td>AC 110...240V +10/-15%, 48..63Hz</td>
<td>96x96x130 mm</td>
<td>Price on Request</td>
</tr>
</tbody>
</table>

Part number | Interface | Price |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00486467</td>
<td>Setup/Programmeditor/Startup JUMO DICON touch Download 266.exe (30 days Test Version) (117.7 MB)</td>
<td>$429.04</td>
</tr>
<tr>
<td>00581177</td>
<td>Math and logic module</td>
<td>Price on request</td>
</tr>
</tbody>
</table>
JUMO IMAGO F3000
Process control for the meat processing industry (700101)

Features
- 5” color graphic display and LED display with height of 12 mm
- 8 universal measuring inputs
- 2-state/3-state, three step controller, continuous controller
- 4 control channels
- F value, C value, delta T, core temperature
- Inputs/outputs can be expanded in a modular structure
- 99 programs with real-time clock
- Math and logic function
- Recording function
- Modbus interface, PROFIBUS-DP interface
- Self-optimization
- Plug and Play memory
- Configurable via keypad or setup program
- UL approval

Part number | Input | Version | Voltage Supply | Dimensions | Price
--- | --- | --- | --- | --- | ---
00439671 | 4 analog / 5 logic inputs totally configurable | Standard with default settings | AC 110 to 240V +10/-15% 48 to 63Hz | 332x165mm | Price on Request

PC Interface cable | Interface | Price
--- | --- | ---
00301315 | PC interface with converter RS232/TTL | $134.47
00456352 | PC interface with converter USB/TTL | $237.03

JUMO IMAGO 500
Multichannel process controller and program controller (703590)

Features
- 144 × 130 mm format (installation dimensions 92 × 92 mm)
- 5” color graphic display
- 2-state controller, 3-state controller, 3-step controller, position controller, continuous controller
- Control of C-level, differential, ratio, and humidity
- Up to 8 control channels (4 cascade controllers)
- Inputs/outputs have modular extensibility
- Extendable by 2 relay modules (8 relays each)
- Modbus interface, PROFIBUS-DP interface
- Freely configurable screen masks
- 50 programs with 100 segments and real time clock
- 16 control contacts
- Math and logic functions
- 16 limit values are monitored
- Recording function
- Teleservice through external modem
- Configuration with setup program
- UL approval

Part number | Input | Output | Power supply | Math and logic | Price
--- | --- | --- | --- | --- | ---
00458766 | Universal x 3 | 5 x 2 relay [make contacts] | AC 110 to 240V +10/-15% 48 to 63Hz | Math and Logic module formula 1-8 | $3,474.02

PC Interface cable | Interface | Price
--- | --- | ---
00301315 | PC interface with converter RS232/TTL | $134.47
00456352 | PC interface with converter USB/TTL | $237.03
JUMO safetyM STB/STW Ex
Safety Temperature Limiter/Monitor According to DIN EN 14597 and ATEX Approval (701150)

Features
- Ignition source monitoring according to EN 13463 IPL 2
- Temperature monitoring unit for monitoring potential ignition sources according to EN 50495 SIL 2
- Minimum pressure monitoring SIL 2
- Ignition protection type [Ex ia] with intrinsically safe inputs or [Ex e] with increased safety
- 1oo2D structure for a high degree of process reliability
- Security-related limit value relay (230 V, 3 A)
- Pre-alarm absolute or adjustable as a margin from the limit value
- Voltage supply range AC 110 to 240 V +10%/-15% or AC/DC 20 to 30 V
- Can be configured as safety temperature limiter (STB) or safety temperature monitor (STW)
- Approvals for DIN EN 14597, SIL, PL, ATEX, IECEx, PED
- Optional approval: DNVGL

<table>
<thead>
<tr>
<th>Part number</th>
<th>Basic type</th>
<th>Input</th>
<th>Output</th>
<th>Power supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00548736</td>
<td>Safety temperature limiter</td>
<td>2x Pt100 3-wire</td>
<td>4..20mA analog</td>
<td>AC 110..240V +10/-15%,48..63Hz</td>
<td>$839.23</td>
</tr>
<tr>
<td>00548737</td>
<td>Safety temperature limiter</td>
<td>2x Pt100 3-wire</td>
<td>4..20mA analog</td>
<td>AC/DC 20..30V,48..63Hz</td>
<td>$839.23</td>
</tr>
</tbody>
</table>

**JUMO safetyM TB/TW**
Temperature limiter and temperature monitor (701160)

Features
- Design width 22.5 mm
- For installation on 35 mm DIN rail
- Approval according to DIN EN 14597, cULus
- Universal measuring input (including standard signal)
- 2 × Pt100 for differential measurement
- Alphanumeric LCD display
- Configurable limiter or monitor
- Temperature monitoring up to 4523 °F (2495 °C)
- Pre-alarm absolute or as a margin from the limit value
- Internal and external unlocking possible
- Configuration with setup program
- UL approval

<table>
<thead>
<tr>
<th>Part number</th>
<th>Basic type</th>
<th>Input</th>
<th>Power supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00506382</td>
<td>Temperature limiter (inverse)</td>
<td>Pt 100 (3-wire)</td>
<td>AC 110 to 240V +10/-15%, 48 to 63Hz</td>
<td>$527.22</td>
</tr>
</tbody>
</table>

**PC Interface cable**

<table>
<thead>
<tr>
<th>Part number</th>
<th>Interface</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00051315</td>
<td>PC interface with converter RS232/TTL</td>
<td>$134.47</td>
</tr>
<tr>
<td>00456352</td>
<td>PC interface with converter USB/TTL</td>
<td>$237.03</td>
</tr>
</tbody>
</table>
JUMO LOGOSCREEN 601
Paperless Recorder with Touchscreen (706521)

Features
- 144 × 144 mm format
- 14.5 cm (5.7") TFT color graphics screen (640 × 480 pixel)
- 3 or 6 universal measurement inputs (optional)
- Up to 24 digital inputs (optional)
- 12 digital inputs and outputs (optional)
- 24 external digital and analog inputs via interface
- Up to 2 analog outputs
- Up to 6 customer-specific process screens
- Intuitive touch operation
- PROFINET IO device interface [extra code]
- Integrated web server for online visualization same as on device
- Batch report recording
- Limit value monitoring function (24 channels)
- Flow measurement (2 channels, optional)
- 2 counter inputs (up to 12.5 kHz, optional)

<table>
<thead>
<tr>
<th>Part number</th>
<th>Type</th>
<th>Power supply</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00727738</td>
<td>With Software-Paket</td>
<td>AC 110..240V +10/-15%, 48..63Hz</td>
<td>3 analog, 6 digital inp., 1 analog outp.</td>
<td>3 analog, 6 digital inp., 1 analog outp.</td>
<td>Not used</td>
<td>Price on request</td>
</tr>
</tbody>
</table>

JUMO LOGOSCREEN 700
Highly-Scalable Paperless Recorder (706530)

Features
- Intuitive touch operation
- Up to 3 analog outputs
- Up to 10 customer-specific process screens
- PROFINET IO device interface [extra code]
- Integrated web server for online visualization same as on device
- Recording of up to 5 batch reports
- Up to 500 individual texts
- Limit value monitoring function (120 channels)
- Flow measurement (up to 8 channels)
- Up to 8 counter inputs (max. 12.5 kHz)
- User-specific application using structured text [ST code; extra code]
- Automatic data readout via PCA Communication Software PCC
- Data recording compliant with FDA 21 CFR Part 11 [extra code]
- Manipulation detection with digital certificate [extra code]
- AMS2750/CQI-9 [extra code]

<table>
<thead>
<tr>
<th>Part number</th>
<th>Type</th>
<th>Power supply</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00725552</td>
<td>1x Ethernet, 2x USB [1x RS232/485 interface</td>
<td>AC 110..240V +10/-15%, 48..63Hz</td>
<td>Analog: 6 analog inputs</td>
<td>Analog: 6 analog inputs</td>
<td>Not used</td>
<td>Price on request</td>
</tr>
</tbody>
</table>
JUMO MIDAS Series
Pressure transmitters – universal application (401001)

Features
- Measuring range up to 0 to 1000 psi relative
- Elastomer sealed
- Compact design
- High chemical resistance
- Membrane withstands high mechanical load

<table>
<thead>
<tr>
<th>Part number</th>
<th>Range</th>
<th>Output</th>
<th>Process connection</th>
<th>Material</th>
<th>Power supply</th>
<th>Seal</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>43011693</td>
<td>0 to 25 psi relative</td>
<td>4 to 20mA (2-wire)</td>
<td>1/4 – 18 NPT to EN 837</td>
<td>CrNi (Stainless steel)</td>
<td>DC 10 to 30V</td>
<td>FPM</td>
<td>$271.37</td>
</tr>
<tr>
<td>43008814</td>
<td>0 to 50 psi relative</td>
<td>4 to 20mA (2-wire)</td>
<td>1/4 – 18 NPT to EN 837</td>
<td>CrNi (Stainless steel)</td>
<td>DC 10 to 30V</td>
<td>FPM</td>
<td>$271.37</td>
</tr>
<tr>
<td>43006736</td>
<td>0 to 100 psi relative</td>
<td>4 to 20mA (2-wire)</td>
<td>1/4 – 18 NPT to EN 837</td>
<td>CrNi (Stainless steel)</td>
<td>DC 10 to 30V</td>
<td>FPM</td>
<td>$271.37</td>
</tr>
<tr>
<td>43008815</td>
<td>0 to 150 psi relative</td>
<td>4 to 20mA (2-wire)</td>
<td>1/4 – 18 NPT to EN 837</td>
<td>CrNi (Stainless steel)</td>
<td>DC 10 to 30V</td>
<td>FPM</td>
<td>$271.37</td>
</tr>
<tr>
<td>43008816</td>
<td>0 to 200 psi relative</td>
<td>4 to 20mA (2-wire)</td>
<td>1/4 – 18 NPT to EN 837</td>
<td>CrNi (Stainless steel)</td>
<td>DC 10 to 30V</td>
<td>FPM</td>
<td>$271.37</td>
</tr>
<tr>
<td>43008817</td>
<td>0 to 300 psi relative</td>
<td>4 to 20mA (2-wire)</td>
<td>1/4 – 18 NPT to EN 837</td>
<td>CrNi (Stainless steel)</td>
<td>DC 10 to 30V</td>
<td>FPM</td>
<td>$271.37</td>
</tr>
<tr>
<td>43008818</td>
<td>0 to 500 psi relative</td>
<td>4 to 20mA (2-wire)</td>
<td>1/4 – 18 NPT to EN 837</td>
<td>CrNi (Stainless steel)</td>
<td>DC 10 to 30V</td>
<td>FPM</td>
<td>$271.37</td>
</tr>
</tbody>
</table>

JUMO dTRANS p20
Process pressure transmitter with display (403025)

Features
- HART® interface
- Optional explosion protection Ex ia according to ATEX, INMETRO, GOST-R
- Linearity: 0.05 %
- Turn down: 1:50
- Simple operation with rotary knob
- Stainless steel housing
- Setup program
- LCD display with bar graph
- Display scaling with a choice of measuring units
- Display of sensor temperature
- Display of minimum and maximum pressures

<table>
<thead>
<tr>
<th>Part number</th>
<th>Range</th>
<th>Output</th>
<th>Process connection</th>
<th>Material</th>
<th>Power supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00540711</td>
<td>0 to 4 bar absolute</td>
<td>4 to 20mA (2-wire)</td>
<td>1/2 – 14 NPT</td>
<td>CrNi (stainless steel)</td>
<td>DC 11.5 to 36V</td>
<td>$1,139.51</td>
</tr>
</tbody>
</table>
Pressure Transmitters

JUMO MIDAS C08
OEM basic pressure transmitter (401002)

Features
• Measuring range: 0 to 10 bar relative
• Elastomer sealed
• Compact design
• Long-term stability: < 0.2 %
• New level of quality for the OEM sector
• 60 % quicker device installation with the QUICKON quick-clamp technology
• Temperature compensation range increased by 50 % to -4 to 212 °F (-20 to 100 °C)
• 2.5 times more vibration resistance than the industry standard

<table>
<thead>
<tr>
<th>Part number</th>
<th>Range</th>
<th>Output</th>
<th>Process connection</th>
<th>Power supply</th>
<th>Material</th>
<th>Seal</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00546121</td>
<td>0 bar to 10 bar relative</td>
<td>4 to 20mA (2-wire)</td>
<td>G 1/4 DIN EN 837</td>
<td>DC 8 to 30V</td>
<td>CrNi (Stainless steel)</td>
<td>FPM</td>
<td>$244.88</td>
</tr>
</tbody>
</table>

JUMO MIDAS S05
OEM universal pressure transmitter (401010)

Features
• Successor model to MIDAS SI (type 401006)
• Measuring range: 0 to 2.5 bar relative pressure
• Silicon sensor with stainless steel separating diaphragm
• Welded measuring system
• Compact design

<table>
<thead>
<tr>
<th>Part number</th>
<th>Range</th>
<th>Output</th>
<th>Process connection</th>
<th>Power supply</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>43012486</td>
<td>0 to 2.5 bar relative pressure</td>
<td>4 to 20mA (2-wire)</td>
<td>G 1/4 DIN EN 837</td>
<td>DC 10 to 30V</td>
<td>CrNi (Stainless steel)</td>
<td>$309.08</td>
</tr>
</tbody>
</table>

JUMO MIDAS DP10
OEM differential pressure transmitter (401050)

Features
• Measuring range: 0 to 600 mbar relative
• Silicon sensor with stainless steel separating diaphragm
• Medium: gaseous, liquid, or low-aggression
• Version with elastomer seal, optional welding
• Compact design
• Parts in contact with media: PBT plastic, option with full stainless steel
• Overload pressure up to 30 bar on one side

<table>
<thead>
<tr>
<th>Part number</th>
<th>Range</th>
<th>Output</th>
<th>Process connection</th>
<th>Power supply</th>
<th>Material</th>
<th>Seal</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>43011497</td>
<td>0 to 600 mbar relative</td>
<td>4 to 20mA (2-wire)</td>
<td>2 x G 1/8 DIN EN 837</td>
<td>DC 10 to 30V</td>
<td>PBT</td>
<td>FPM</td>
<td>$451.37</td>
</tr>
</tbody>
</table>
JUMO dTRANS pH 02 – Compact Multichannel Transmitter/Controller for pH, redox, ammonia, standard signals, and temperature (202551)

Features
• Display visualization options: large numbers, bar graph or trend display
• Integrated calibration routines: 1, 2, and 3 points
• Math and logic module
• Calibration logbook
• Integrated washing timer to control the cleaning equipment
• 12 integrated user languages
• Setup program features convenient programming and system documentation
• RS422/RS485 interface (option)
• PROFIBUS-DP interface (option)
• Data logger with real-time clock (option)
• Electrode monitoring can be activated
• UL approval

<table>
<thead>
<tr>
<th>Part number</th>
<th>Format</th>
<th>Input</th>
<th>Output</th>
<th>Power supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00579766</td>
<td>96 x 48 mm</td>
<td>2 x binary, 1 x analog (compensation)</td>
<td>2 relays, 1 analog output</td>
<td>AC 110 to 240V +10/-15 %, 48 to 63 Hz</td>
<td>$1,031.83</td>
</tr>
</tbody>
</table>

PC Interface cable

<table>
<thead>
<tr>
<th>Part number</th>
<th>Interface</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00301315</td>
<td>PC interface with converter RS232/TTL</td>
<td>$134.47</td>
</tr>
<tr>
<td>00456352</td>
<td>PC interface with converter USB/TTL</td>
<td>$237.03</td>
</tr>
</tbody>
</table>

JUMO BlackLine CR-EC
Conductive 2-electrode conductivity sensor (202922)

Features
• Inexpensive, compact design with integrated Pt 100
• Can be screwed into pipelines with small nominal width
• Designed as coaxial measuring cell
• Can be used up to approximately 1000 µS/cm

<table>
<thead>
<tr>
<th>Part number</th>
<th>Cell constant</th>
<th>Measuring insert</th>
<th>Process connection</th>
<th>Electrode material</th>
<th>Fitting length</th>
<th>Electrical connection</th>
<th>Connection cable length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00441398</td>
<td>K = 0.18</td>
<td>1 x Pt100 (2-wire)</td>
<td>1/2 - 14 NPT</td>
<td>CrNi (stainless steel)</td>
<td>40 mm</td>
<td>Fixed cable</td>
<td>5000 mm</td>
<td>$205.68</td>
</tr>
</tbody>
</table>
Conductivity, Liquid Analysis

JUMO ecoTRANS Lf 03 – Transmitter/Switching Device
for conductivity or resistivity and temperature (202732)

Features
- Displayed units µS/cm, mS/cm, kOhm x cm, MΩh x cm, µmho/cm, mmho/cm
- Two current value outputs for conductivity and process temperature
- Switching output
- USP switching function as per USP<645>
- Selectable temperature compensation natural water EN 27 888, ASTM D 1125-95, linear
- 3-way isolation (input, output and voltage supply are electrically isolated from each other)
- DIN rail mounting
- Calibration timer
- Delivery including calibration certificate

<table>
<thead>
<tr>
<th>Part number</th>
<th>Input</th>
<th>Output</th>
<th>Power supply</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>08441865</td>
<td>2 x analog output, 1 x relay</td>
<td>2 x analog</td>
<td>DC 20 to 30 V</td>
<td>$686.96</td>
</tr>
</tbody>
</table>

PC Interface cable

<table>
<thead>
<tr>
<th>Part number</th>
<th>Connector</th>
<th>Fitting length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>08440655</td>
<td>Screw cap Pg 13.5</td>
<td>120 mm</td>
<td>$649.39</td>
</tr>
</tbody>
</table>

JUMO Ammonia Sensitive Sensor (201040)

Features
- For monitoring ammonia leakage in refrigerating plants
- Special PTFE membrane
- Easy membrane replacement

<table>
<thead>
<tr>
<th>Part number</th>
<th>Connector</th>
<th>Fitting length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>08440655</td>
<td>Screw cap Pg 13.5</td>
<td>120 mm</td>
<td>$649.39</td>
</tr>
</tbody>
</table>

JUMO tecLine Cl2
Sensor for free chlorine (202630)

Features
- Membrane-covered, amperometric measuring cell with integrated temperature compensation for continuous measurement of a suitable flow-through fitting
- Two electrode principle
- Easy calibration
- Integrated temperature compensation
- Proven measuring system
- Used for drinking water disinfection
- Used for swimming pool disinfection

<table>
<thead>
<tr>
<th>Part number</th>
<th>Measuring range</th>
<th>Approx. pH range</th>
<th>Temperature range</th>
<th>Pressure range</th>
<th>Output</th>
<th>Power supply</th>
<th>Flow velocity</th>
<th>Flow rate</th>
<th>Accuracy</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>08401586</td>
<td>0 to 5 mg/L</td>
<td>± 5.5 to 8.8</td>
<td>&gt; 32 to 113 °F</td>
<td>up to 1 bar</td>
<td>4 to 20mA (2-wire)</td>
<td>12 to 30V DC</td>
<td>± 15 cm/s</td>
<td>± 30 l/h</td>
<td>± 2 %</td>
<td>PVC</td>
<td>$1,697.61</td>
</tr>
</tbody>
</table>
JUMO digiLine
Intelligent Electronics with Digital Interface or Analog Output for pH/ORP/T (202705)

Features
- High quality industrial electrodes
- Process and industrial applications
- Pressure resistant up to 10 bar
- Additional temperature probe can be integrated
- Different fitting lengths

<table>
<thead>
<tr>
<th>Part number</th>
<th>Type</th>
<th>Elec. connect. input</th>
<th>Output</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00652283</td>
<td>digiLine pH value</td>
<td>N cable socket</td>
<td>RS-485 Modbus</td>
<td>$497.72</td>
</tr>
<tr>
<td>00652284</td>
<td>digiLine pH value</td>
<td>N cable socket</td>
<td>Current value output, free config.</td>
<td>$579.18</td>
</tr>
<tr>
<td>00644871</td>
<td>digiLine hub</td>
<td></td>
<td></td>
<td>$258.42</td>
</tr>
</tbody>
</table>

JUMO ecoLine / JUMO BlackLine pH
Combination electrodes (201005/201010)

Features
- High quality measuring probes
- Good value for money
- Variable fitting lengths

<table>
<thead>
<tr>
<th>Part number</th>
<th>Active component</th>
<th>Connector</th>
<th>Fitting length</th>
<th>Cable length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00417300</td>
<td>UW glass (pH 0 to 12, 23 to 176 °F (0 to 80 °C))</td>
<td>BNC connector</td>
<td>120 mm</td>
<td>2 m</td>
<td>$174.28</td>
</tr>
</tbody>
</table>

JUMO tecLine pH
Combination electrodes (201020)

Features
- High quality industrial electrodes
- Process and industrial applications
- Pressure resistant up to 10 bar
- Additional temperature probe can be integrated
- Different fitting lengths

<table>
<thead>
<tr>
<th>Part number</th>
<th>Active component</th>
<th>Connector</th>
<th>Fitting length</th>
<th>Diaphragm</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00304030</td>
<td>HT glass (pH 0 to 14, 23 to 275 °F (-5 to 135 °C))</td>
<td>Screw cap Pg 13.5</td>
<td>120 mm</td>
<td>1 x zirconium</td>
<td>$224.06</td>
</tr>
</tbody>
</table>
JUMO tecLine TC
Sensor for total chlorine (202631)

Features
- Membrane-covered, amperometric measuring cell with integrated temperature compensation for continuous measurement of a suitable flow-through fitting
- Three electrode principle
- Easy calibration
- Integrated temperature compensation
- Proven measuring system
- Used for drinking water disinfection
- Used for swimming pool disinfection

<table>
<thead>
<tr>
<th>Part number</th>
<th>Measuring range</th>
<th>Approx. pH range</th>
<th>Temperature range</th>
<th>Pressure range</th>
<th>Output</th>
<th>Power supply</th>
<th>Flow velocity</th>
<th>Flow rate</th>
<th>Accuracy</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00584808</td>
<td>0 to 5 mg/L</td>
<td>± pH 5.5 to 8.0</td>
<td>&gt; 32 to 113 °F</td>
<td>up to 1 bar</td>
<td>4 to 20mA (2-wire)</td>
<td>12 to 30V DC</td>
<td>± 15 cm/s</td>
<td>± 3 l/h</td>
<td>± 2 %</td>
<td>PVC</td>
<td>$2,051.53</td>
</tr>
</tbody>
</table>

JUMO tecLine H2O2 and PAA
Sensor for hydrogen peroxide and peracetic acid (202636)

Features
- Membrane-covered, amperometric measuring cell with integrated temperature compensation for continuous measurement of hydrogen peroxide in a suitable flow-through fitting
- Detection of peracetic acid or hydrogen peroxide concentration in the mg range
- The membrane is impervious to chemicals and surfactants
- Two electrode principle
- Easy calibration
- Integrated temperature compensation
- Proven measuring system

<table>
<thead>
<tr>
<th>Part number</th>
<th>Measuring range</th>
<th>Temperature range</th>
<th>Pressure range</th>
<th>Output</th>
<th>Power supply</th>
<th>Flow velocity</th>
<th>Flow rate</th>
<th>Accuracy</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>00409343</td>
<td>0 to 10000 mg/L</td>
<td>&gt; 32 to 113 °F</td>
<td>up to 1 bar</td>
<td>4 to 20mA (2-wire)</td>
<td>12 to 30V DC</td>
<td>± 15 cm/s</td>
<td>± 30 l/h</td>
<td>± 2 %</td>
<td>PVC</td>
<td>$2,034.46</td>
</tr>
</tbody>
</table>