ATEX
Instrumentation

For explosive areas

For measurements in explosive atmospheres (EX area), WTW offers the complete EX measuring equipment with sensors, EX-compliant accessories, EX-transmitter, isolated amplifier and certificates.

**EX pH/ORP Armatures and Combination Electrodes**
*see page 14*

**EX Conductivity Measuring Cells**
*see page 18*

**Fields of application:**
- Zone 1 IIB
- Zone 1 IIC
- Inlet
- Channels
- Pumping station

EX monitors Stratos Pro A 201 X

The EX compliant monitor Stratos Pro accepts the EX versions of the proven pH and conductivity sensors SensoLyt® and TetraCon®. Besides a clear display with color backlight, the monitor is equipped with 1 or 2 current outputs. Additionally, the monitor convinces with its operational capability in the temperature range of -20 °C ... 65 °C.

StratosProA201xpH

for pH measurements

analog pH electrodes see page 14

StratosProA201xCond

for conductivity measurements

analog conductivity measuring cells see page 18

Ordering Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>StratosProA201xpH-0</td>
<td>pH transmitter with 1 analog current output</td>
<td>109444EX</td>
</tr>
<tr>
<td>StratosProA201xpH-1</td>
<td>pH transmitter with 2 analog current outputs</td>
<td>109445EX</td>
</tr>
<tr>
<td>StratosProA201xCond-0</td>
<td>Conductivity transmitter with 1 analog current output</td>
<td>300944EX</td>
</tr>
<tr>
<td>StratosProA201xCond-1</td>
<td>Conductivity transmitter with 2 analog current outputs</td>
<td>300945EX</td>
</tr>
</tbody>
</table>

Isolated amplifier WG 21 A7

The isolated amplifier supplies the EX compliant monitor Stratos Pro with auxiliary voltage and transfers the measured value. It can be connected directly to the PLC or as 24V version to the MIQ/IC2 of the IQ SENSOR NET.

Ordering Information

**WG 21 A7**

- Maximum safety
- Secure separation and isolation of input, output and auxiliary power

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<tbody>
<tr>
<td>WG21A7</td>
<td>Isolated amplifier to power the EX-transmitter StratosPro in an intrinsically safe way, power supply 90 ... 253V, explosion protection II (1) G [Ex ia Ga] IIC.</td>
<td>109446EX</td>
</tr>
<tr>
<td>WG 21 A7 Opt. 336</td>
<td>Like WG21 A7, but with supporting power supply 24 VAC/DC</td>
<td>109447EX</td>
</tr>
</tbody>
</table>