

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

see also www.xylymanalytics.com/en/products/process-controllers-and-sensors/atex-controller-and-sensor



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.



Stratos Pro A 201 X



- EX certified
- Color backlighting
- For high ambient temperatures



StratosProA201xpH

for pH measurements

analog pH electrodes see page 14

StratosProA201xCond

for conductivity measurements

analog conductivity measuring cells see page 18

Ordering Information

Model	Description	Order No.
StratosProA201xpH-0	pH transmitter with 1 analog current output	109444EX
StratosProA201xpH-1	pH transmitter with 2 analog current outputs	109445EX
StratosProA201xCond-0	Conductivity transmitter with 1 analog current output	300944EX
StratosProA201xCond-1	Conductivity transmitter with 2 analog current outputs	300945EX



For technical data please see datasheet D3.01

Alternatives and accessories see brochure "Product Details" and website

Isolated amplifier see below

Analog monitors see from page 56

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.



WG 21 A7



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



Ordering Information

Model	Description	Order No.
WG21A7	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.	109446EX
WG 21 A7 Opt. 336	Like WG21 A7, but with supporting power supply 24 VAC/DC	109447EX



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Alternatives and accessories see brochure "Product Details" and website

EX monitors see above

Analog monitors see from page 56