Even faster

An explosion protection system has to be fast. Very fast. Explosion events must be detected within fractions of a second. Now we have made our proven explosion protection system twice as fast as our previous system. So fast, in fact, that it pushes even measurement technology to its limits. It wasn‘t necessary, but as a leading developer of explosion protection systems, we can‘t otherwise:

We define the state of the art. **exCONTROL**



Medium size-wall cabinet

Compatible and scalable.

The exCONTROL explosion protection system is completely downward compatible. Our suppressor systems and protective devices, which have been tried and tested for decades, can be integrated and reused in a resource-saving manner. And when your protection requirements grow, exCONTROL grows with you. The system is modular and can be expanded at any time with little effort.

Easy to use and intuitive.

The exCONTROL is not a black box. The customer can check the status of the system at any time and, if wished, receive 24-hour support from Atex engineers. That‘s why we offer the most user-friendly system on the market today with **exCONTROL**

Customized safety

Our customers‘ production processes determine the scope and design of the explosion protection system. That is why there are no standard solutions. Each protection system is unique.

Touch display with panel PC: Remote Acess

In the full version, the exCONTROL system has a panel PC with touch display. This allows a detailed analysis and maintenance of the protection system via remote access, so the operator can receive precise instructions for action from the Atex specialists. In addition, we offer a version with LED display.

Completely new designed

Especially the core components like the exGUARD and the exCONNECT have been completely redesigned and already certified (ATEX 2014/34/EU).



exGUARD and exCONNECT modules

Sizes
Available in different sizes from mini/midi
(one explosion protection line - off the shelf)
up to 20 detection lines (floor cabinet)

Material
Housing: Sheet steel, 1,5mm
Door: Sheet steel, 2mm
all-round foamed-in PU seal
Surface: dip-primed, powder-coated,
textured paint RAL 7035 or stainless steel

Protection class
IP 65

Power supply voltage
110 - 230 VAC / 50 - 60 Hz
Supply of the detection systems:
24 VDC

Permitted ambient temperature
0°C - 40°C

Options
- Panel PC and touchscreen
- LED Panel
- Remote access

Functional safety
SIL2

Available exCONTROL solutions:

Enclosure type	IP class	Detection lines max.	Material	SIL 2	Power supply	Display
mini	65	1	steel, powder-coated	yes	24 VDC supplied by the customer	none, window in front door LCD Display on exGUARD LEDs on exCONNECT
MIDI	65	1	steel, powder-coated	yes	110 - 230 VAC 50 - 60 Hz	none, window in front door LCD Display on exGUARD LEDs on exCONNECT
Wall cabinet	65	10	steel, powder-coated or stainles steel	yes	110 - 230 VAC 50 - 60 Hz	Touch display or LED Panel in cabinet door
Floor cabinet	55	20	steel, powder-coated or stainles steel	yes	110 - 230 VAC 50 - 60 Hz	Touch display or LED Panel in cabinet door



Touch-display



LED-display

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