

YOUR GreCon FIRE PREVENTION SYSTEM

GreCon's fire prevention technology protects industrial premises, process and people, detecting and extinguishing ignition sources, making workplaces safer and enabling uninterrupted production.

We have decades of experience and offer a full turnkey service. We listen to your specific requirements, apply a suitable protection concept and plan the system design in a partnership approach to meet your needs.

We offer guidance and assistance at all stages of the project, from planning to installation, and commissioning. We then provide regular service to satisfy insurance requirements and to ensure the ongoing reliability of your system.



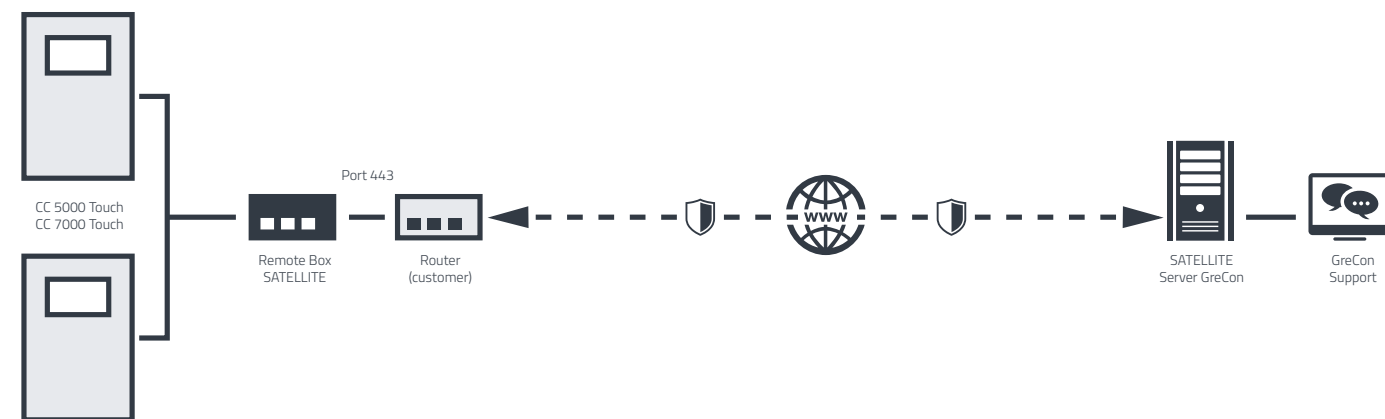
A range of mounting adapter options suit any environment and provide ease of installation



Customised frost protection for the cold winter

Centralised and remote access options exist

GreCon SATELLITE DIGITAL SERVICE PLATFORM



Let us provide fast and specific support – initiate secure access via the SATELLITE remote support system.

PIONEERING SPIRIT, PASSION AND INNOVATION

We are more than just a company, we are a community where pioneering spirit and passion for excellence are our driving forces. Our employees are the key to our success, and our customers are our partners on the path to outstanding solutions.



In 1911, Carl Benscheidt founded Fagus GmbH for the production of shoe lasts and punching tools. His great-grandsons Ernst and Gerd Greten integrated the companies GreCon-Anlagenbau and GreCon-Elektronik. Numerous inventions originate from this merger, including shoe lasts for the right and left foot; measuring technology to record thickness, surface characteristics or the weight by X-ray; the industrial spark extinguishing system.

Today's Fagus-GreCon Greten GmbH & Co. KG is a family business in its fifth generation. Fagus has stood for precision and fit for over 100 years and is an established partner for the international shoe industry. GreCon has been supplying sophisticated solutions for a wide range of applications in various industries in the "fire protection" and "measurement technology" sectors for 50 years. Thanks to numerous innovations and the commitment of our more than 700 employees worldwide, we have been able to establish ourselves as a leading international partner for our customers in each of these areas.

The UNESCO World Heritage Fagus Factory is a special fourth business unit as a cultural enterprise within an industrial setting. In 2011, the building complex at the Alfeld site was listed as the "UNESCO World Heritage Fagus Factory". The Fagus factory built in 1911 as the first building of the architect and founder of the Bauhaus, Walter Gropius, is considered the origin of the modern era of architecture.

Fagus-GreCon Greten GmbH & Co. KG
 Hannoversche Straße 58 . 31061 Alfeld . Germany
 +49 5181 790 . info@fagus-grecon.com
 www.fagus-grecon.com



TAKE CONTROL OF YOUR SAFETY...

OUR FIRE PREVENTION SOLUTION FOR:

DETECT



1



FM 1/8

- weld in
- screw in
- air purge
- EX20
- EX21
- EX22

2



DLD 1/9

- weld in
- screw in
- air purge
- EX20
- EX21
- EX22

3



FM 3/8

- weld in
- screw in
- air purge
- EX20
- EX21
- EX22

Fibre-optic
light guides

- 1000 mm
- 2000 mm
- 3000 mm

4



TM 1/9

- weld in
 - screw in
- Temperature
- 60 °C
 - 75 °C
 - 90 °C
 - 105 °C
 - 120 °C
 - 135 °C

Our highly sensitive detectors play a crucial role in preventing fire and explosion in industrial processes, even in challenging environmental conditions. A range of other detectors can be integrated into the system if necessary (e.g. flame, smoke or gas detectors).

PROTECT



5



Automatic fire extinguishing system

- LB1
- LB2
- LB3
- IEM1
- IEM2

6



Nozzles

- weld in
- screw in
- K24
- K45
- K90
- K120

We limit production interruption by extinguishing ignition sources with fine water mist or via mechanical diversion options.

CONTROL



7



Display

The control console triggers the extinguishment action, milliseconds after detection of ignition sources. Expansion options are available as your system grows.

WATER SUPPLY



8

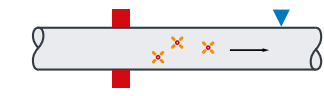


- Drinking water separation
- Feed tank
- Pressure increase
- Boiler
- Water by customer

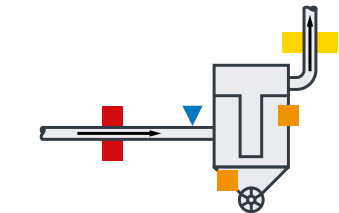
Depending on the local conditions, an optimal water supply can be ensured by a pressure boosting system.

TYPICAL APPLICATIONS

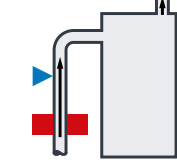
PNEUMATIC TRANSPORT



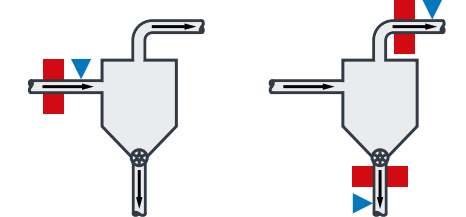
FILTER



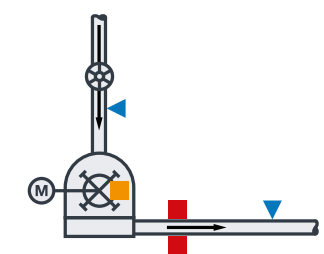
SILO



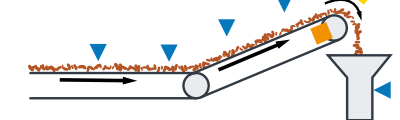
CYCLONE



CRUSHING



MECHANICAL TRANSPORT



- Spark detector FM
- Spark detector DLD
- ▼ Thermal detector
- ▲ Automatic extinguishing unit

CUSTOMER

DATE

AUTHOR