

APPLICATIONS

Woodworking Industry

Sawmills, flooring, furniture

Tissue Industry

Tissue mills

Pulp & Paper Industry

Packaging, shredders

Recycling Industry

Packaging, shredders

Bioenergy Industry

Pellet production and power plants

Hygiene Solutions

Diaper production plants

Food Industry

Cereals, cacao, sugar, grain mills,
baked products, dairy products

Wood Panel

MDF, OSB, plywood particle board

Tobacco Industry

Cigarette filters

RAPTOR Series™

Intentionally selected and designed to be
the best possible products available
in the market today



MISSION:

*We preserve lives and investments with
innovative, tailored safety solutions.*

VISION:

*To be recognized as the worldwide leader
in combustible dust safety, making
technical solutions accessible to clients
around the world.*



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Spark Detection & Extinguishing System



Transitioning the World to a Safer Working Environment

RAPTOR SPARK DETECTION & EXTINGUISHING SYSTEM



The Raptor Spark system is specifically designed to detect a spark or burning material and extinguish it in milliseconds.

Typical ignition sources for fires and explosions are processes involving grinding, cutting, sanding and drying operations.

Why choose Raptor Spark?

- Simple and powerful design that allows for easy installation and straightforward operation
- Low maintenance and high reliability
- Cost effective solution for the prevention of fires and explosions
- FM approved, ATEX certified, CE listed



COMPONENTS

Single Zone Control Unit

- Monitors up to 6 inputs
- able to self-check all wiring and devices connected to it
- Response time on electronics: <15ms



5 Zone Control Unit

- Monitors up to 5 individual zones
- 16 inputs and 10 outputs
- IP 54 enclosure



Spark Detector

- Detects sparks, flames and incandescent material from a variety of processes
- Employs advanced infrared light-sensitivity technology



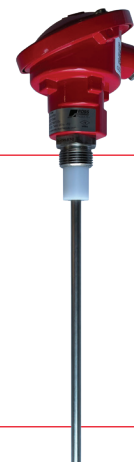
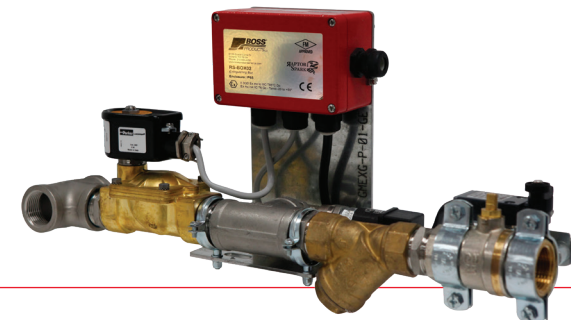
Test Lamp

- Provides a function check to ensure the cleanliness of the Spark Detector lenses
- Emits high infrared radiation to simulate a spark or glowing ember in the line



Water Extinguishing Assembly

- Provides extinguishing after receipt of signal from spark detectors and control unit



Dust Probe

- Notifies an increase in the concentration of dust levels which could potentially indicate the rupture of dust filters/bags

Thermal Probe

- Monitors temperature rise within a vessel using thermovelocimetric technology

