

Revolutionary Fire Suppression Systems



Made in Germany



firespy
Powder

Meet the most robust system in the world
When Powder is an alternative to Liquid Extinguishing

Installed and comproved in:
Mining Vehicles
Construction Vehicles
Tunnel Boring
Forestry Machinery and Vehicles
Agricultural Machinery and vehicles



**5 Years
No Replacements**





Fully Pneumatic Unique and Patented Technology

Pressure Switch

Engine cut-off connection / visual and sound alarm

No pressure gauge required / Not pressurized

No pressure verification required.
No possibility of leaks.

Container with Unique Technology

No pressure in operational mode.
Manufactured in Stainless Steel.
Prevents extinguishing agent solidification.

Nitrogen Cartridge

Sealed state in operational stand-by
All its pressure is only released at the moment of activation

No
Pressure

Almost No
Maintenance

Certifications for the FireSpy Powder System



DMT



Two Lines System

Detection and extinguishing in separated pipes.



No Pressure

Extinguishing agent container and tubing are pressure-free in operating state.



No Electricity

No electricity needed in the system.



5 Years - No Parts Change

Long-term savings - durable and resistant system.



Ultra-Fast Detection

Response speed: Ultra Fast Response RTI 12.
False alarm proof. Activation is based on "temperature" parameter for pneumatic activation.



Operation Temperature Range: -50°C to +80°C

Prepared for extreme climates, whether in the desert or the mountains.



Capable of Working in Extreme Conditions

Shock and vibration resistant.



Stainless Steel

Precision manufacturing - highly durable stainless steel.



Very low Maintenance

Due to simplicity and absence of pressure, maintenance routines are practically only visual.



Fully Mechanical / Pneumatic

The entire system is self-contained. It does not require manual operations and does not depend on external controls, such as control panels or electrical detectors.





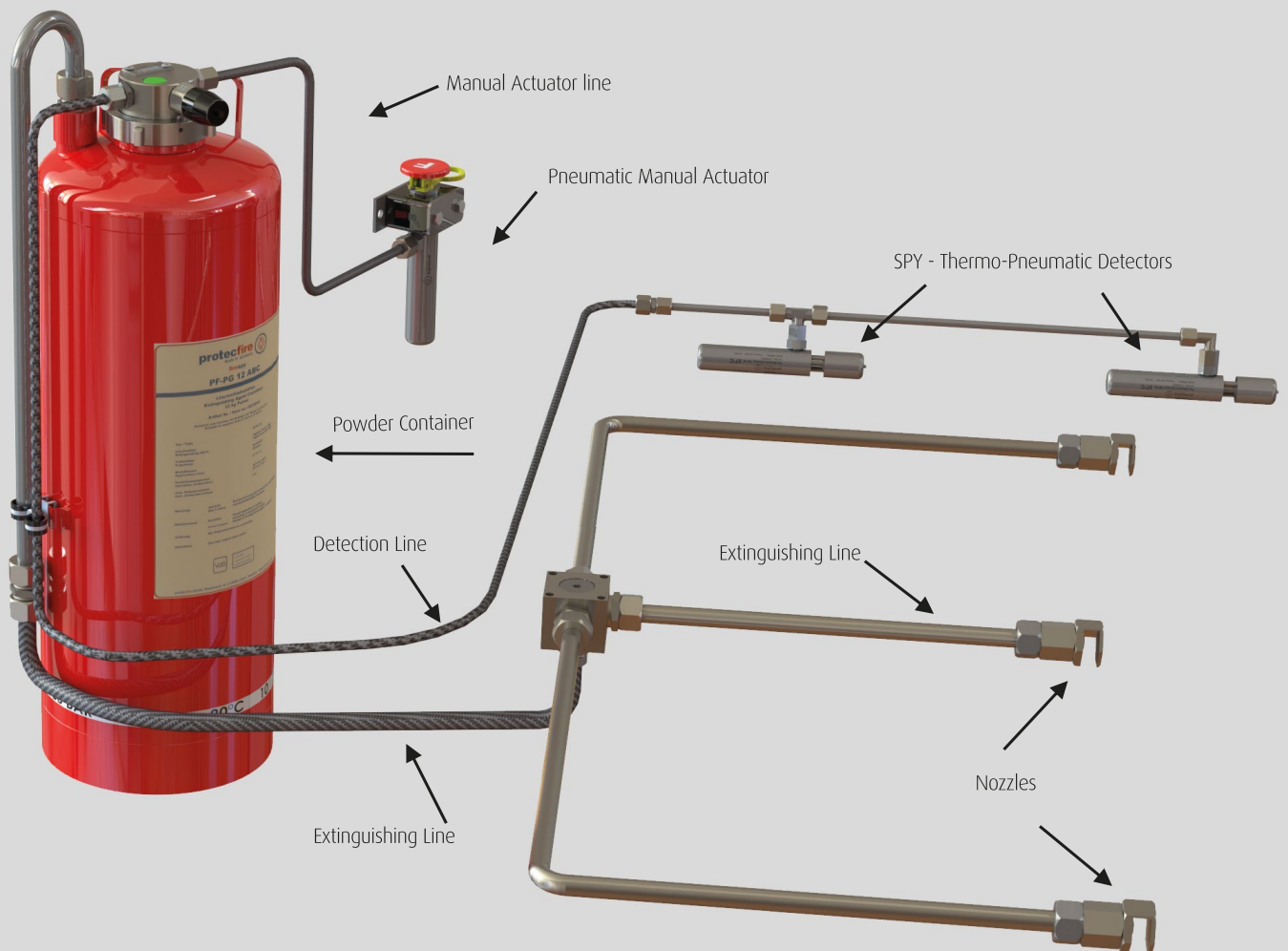
ABC Powder Fire Extinguishing Agent: Efficient Fire Protection

In firefighting, safety is an undisputed priority. Among the various extinguishing agents available, ABC Powder stands out as a reliable and effective choice for controlling and extinguishing different types of fires.

Composed of a mixture of specially formulated chemicals, ABC Powder can act on fires of classes A, B, and C, covering everything from solid materials such as paper, plastics and wood to flammable liquids. Its versatility makes it an ideal option for a variety of environments, from vehicles to industry.

One of the main advantages of ABC Powder is its ability to quickly and efficiently interrupt the combustion process. When dispersed over flames, the powder acts through different mechanisms, such as reducing the supply of oxygen and interrupting the chain reaction that sustains combustion.

Furthermore, ABC Powder is known for its chemical stability and low electrical conductivity, making it safe for use in electronic equipment and electrical systems. This characteristic is especially important in environments where there is a risk of fires caused by short circuits or electrical failures.





Possibility of being applied in various equipment across different sectors

- ✓ **No Pressure**
- ✓ **No Electricity Required**
- ✓ **Extremely low Maintenance**
- ✓ **Ultra-Fast Detection and Extinguishing**
- ✓ **Made In Germany quality**
- ✓ **Works from -50°C to 80°C**



When time is precious!
plug&play

In case of activation:

- ✓ **Immediate replacement of tank/detector**
- ✓ **Reduced waiting time**
- ✓ **Done by own staff - very easy**
- ✓ **System reactivation practically immediate**



Automatic Fire Suppression Systems for OFF-ROAD VEHICLES



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