



Suppression and Chemical Isolation



Explosion suppression systems are designed to control the development of over pressures due to dust explosions inside of industrial processes.

The detection and suppression of the explosion can also be implemented in ducts for preventing flame propagation.

ADIX ExSuppression discharges an extinguishing agent within milliseconds. In this short response time suppresses an incipient explosion.

Functions:

- Detection: Activated by pressure or light.
- Activation: In case of explosion, a signal is sent to the control unit and begins the bottle opening sequence injecting the extinguishing agent.

CHARACTERISTIC PARAMETERS
Extremely fast response.
Dual activation in failure prevention.
Pressure indicator manometer.
Low pressure indicator pressure switch option.

SPECIFICATION	MEASUREMENTS
Type	10 L Bottle
Total Weight	17 kg
Agent Weight	6 kg
Agent Type	Sodium bicarbonate
Pressure	60 - 90 bar (+5% / 20°C)
Flow Section Diameter	3" (75mm)
Max.Temp.environment	+70°C
Min.Temp.environment	- 20°C
Color	RAL3020
Trigger Element	Gas generator
Type of Protection	II 3D T85°C IP65 II 3G T6
Appropriate Use	Zone 22 Zone 2

