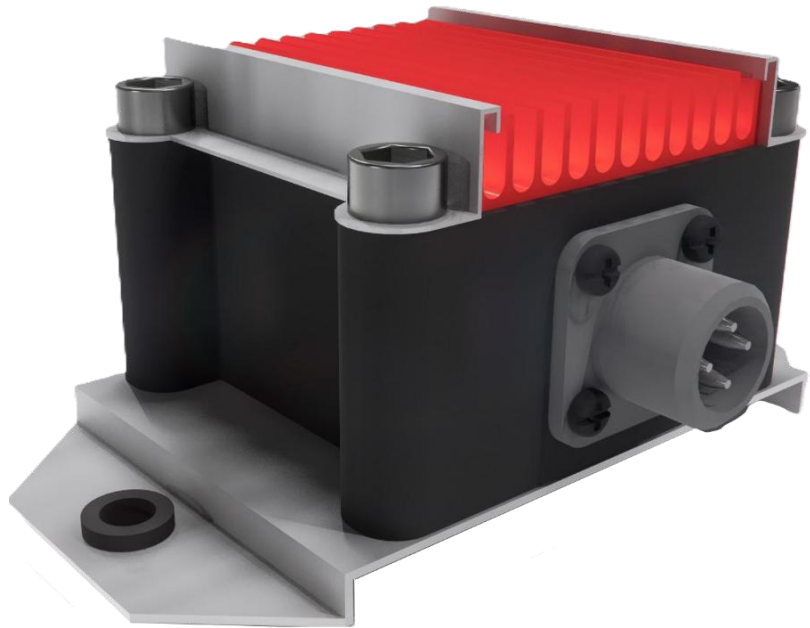




# Detection & Extinguishing Release module

## Pyralis detector & activator

The Pyralis thermal activation module is a unique thermal fire detection and electrical activation device designed to activate aerosol suppression units. Independently of a power source, it realizes fire detection and activation of a fire suppression system. This module is developed for placement on an object or inside/outside the protected area where there is no room for or provision for a fire alarm/extinguishing system.



This automatically thermodynamically energy-harvesting activation module is unique in its kind.

The Pyralis is a patented detection, activation, and communication module. The functionality of Pyralis is based on thermodynamic technology and detects temperature rise in a room and converts this temperature change into electrical energy.

The thermally generated energy is stored in the module for the activation of, for example, aerosol suppression units.

Besides activation output, the module also has a potential-free relay contact that sends a pre-alarm signal at the preset temperature. All of this without external power sources or batteries. Pyralis is a fully independent and maintenance-free device and does not require an external power supply to function.

There are two versions of this module available.

Version 1 (AF (air flow)), as depicted above, is intended for heat absorption through the ambient air/temperature.

Version 2 (SP (sensor plate)) is a module with a contact plate that is placed directly on the object to be protected or against the outer side of the volume to be protected.



The detection system is available with the following pre-alarm and activation temperatures:

Pre-alarm	Activation
65°C	85°C
85°C	105°C
85°C	130°C

The detector comes standard with a 4 pin female connector

