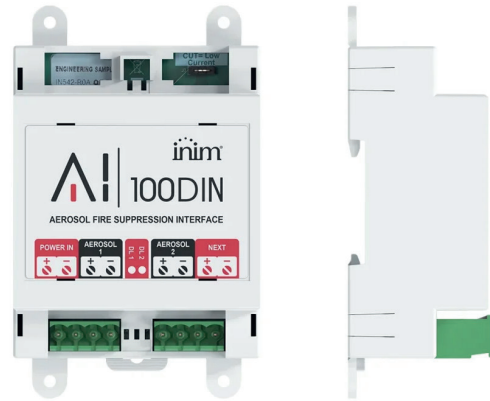


AI100DIN Module

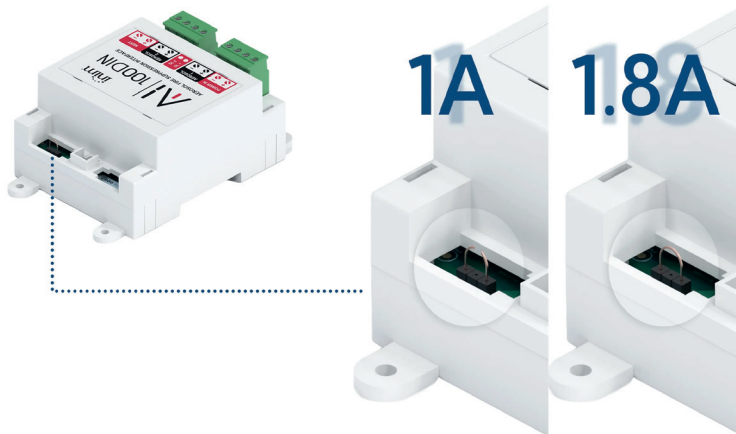
Interface Module for Condensed Aerosol Extinguishing Devices.

Compatible with Previdia Compact, Previdia Max, Previdia Micro, Previdia Ultra.



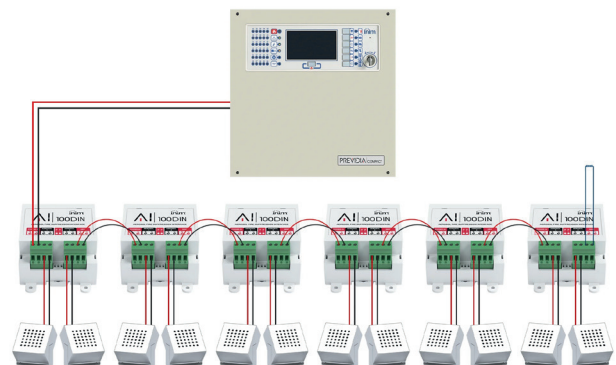
Intelligent Integration for Aerosol-based Systems

AI100DIN converts the solenoid valve output of Previdia control panels from an overload-protected constant-voltage output to a constant-current output, ensuring correct actuation of condensed aerosol fire suppression devices. Thanks to its selectable output current of 1 A or 1.8 A, the module provides a simple and effective interface for aerosol systems with the VALVE outputs of Previdia control panels.



Scalability and ease of integration

AI100DIN provides dedicated terminals for connecting two aerosol devices in series. Additional aerosol devices can also be connected in series, subject to compliance with the manufacturer's specifications. The module also features dedicated terminals for triggering subsequent modules, enabling sequential activation. Up to six AI100DIN modules can be connected in series, providing a flexible solution for applications requiring the control of multiple condensed aerosol fire extinguishing devices.



Key Benefits of AI100DIN

- Native compatibility with Previdia control panels, enabled by adaptation of the VALVE output for aerosol device control
- Conversion from constant voltage to constant current, ensuring reliable activation of fire extinguishing modules
- Selectable output current of 1 A or 1.8 A to suit different application requirements
- Scalable architecture, supporting the connection of up to 6 AI100DIN modules in cascade
- Easy and tidy installation with DIN rail mounting
- Supervision of the entire series of aerosol units and modules under standby conditions
- Dedicated solution for condensed aerosol fire extinguishing systems, designed to expand the application range of Previdia control panels

