PROTECTION FOR TODAY

AIMES 4–20mA INPUT CONTROL MODULE (ADDRESSABLE)

The AIMES 4-20mA Input Control Module (Addressable) is a vital component designed for seamless integration with fire alarm systems, facilitating the monitoring of external devices with a 4-20mA output, such as gas, flame, pressure and other detector and signalling equipment. This module operates on an addressable interface, allowing for precise identification and management within existing fire alarm setups. With multiple relay outputs, it can efficiently activate various external devices, such as alarms, ventilation systems, or suppression mechanisms, in response to fire conditions.

Built for reliability, the module features integrated LED indicators that provide real-time status updates, aiding in quick diagnostics and maintenance. Its compact design ensures easy installation in diverse environments, while robust construction guarantees durability even in challenging conditions.

Designed for use in fire alarm systems, industrial safety setups, and commercial building management, AIMES 4-20mA Input Control Module (Addressable)is compliant with industry standards such as UL and other international standards

In addition to its advanced features, the AIMES 4-20mA Input Control Module (Addressable) is designed with user-friendly installation in mind. The straightforward wiring and configuration process ensures that it can be quickly integrated into both new and existing systems, minimizing downtime during installation. This module not only enhances the functionality of fire alarm systems but also contributes to overall safety and response effectiveness, making it an essential choice for any comprehensive fire protection strategy.

Areas of Use	Feature and benefits
- Power stations and petroleum and gas stations - Commercial Buildings - Hotels - Tank ships and other vessels - Apartment - Storage of oily products Oil and gas industry LNG/PNG processing and - Offshore Platforms	- Automatic and Manual self check for any internal component failure. - Color Status LED - Immune to false alarms - Ultra Fast Response Time - Compatible with all third party systems - Internationally Certified - RS-485 & DIP Switch Address Setting - ES-Rapid Addressable Protocol © - Robust Construction

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Specification	
Operational Characteristics	
Voltage Supply	24 VDC (18-32 VDC)
Power Supply	<350uA on Standby <2mA Alarm Current
Communication	Addressable (ES-Rapid Protocol ©)
Operational Characteristics	
Operating Temperature	0C to +60C.
Built In Test	Automatic & Manual
Humidity Range	10-95% RH (Non condensing)
Relative Humidity	0 to +95% RH
Ingress Protection:	IP42/44
Sensor Type	4-20mA Input Monitoring
LED	Normal: Red Blinking; Alarm: Constant RED
Ex Marking	Ex ia IIC T4 Gb
Mechanical Characteristics	
Material	Flame Retardant Polycarbonate
Wiring	12-22 AWG
Weight	125 g

Certification

UL 864 (10th Edition)
Control Units and
Accessories for Fire
Alarm Systems