Addressable Devices

Velociti® Series AMM-4SF

Addressable Monitor Module

General

The Gamewell-FCI Velociti® Series, addressable monitor module AMM-4SF features a single Style D, Class A initiating device circuit. It may also be configured as a Style B, Class B initiating circuit with an end-of-line resistor. This module provides an address for a group of conventional 2-wire smoke detectors.



AMM-4SF

Any alarm initiating devices with normally open (N.O.) dry contacts such as the following devices may also be installed in this circuit.

- heat detectors
- linear heat detection devices
- 4-wire smoke detectors
- manual stations
- water flow switches
- tamper switches

,The Velociti® Series use a communication protocol that substantially increases the speed of communication between the sensors and certain Gamewell-FCI analog addressable fire alarm control panels. These devices operate in a grouped fashion. If one of the devices in the group has a status change, the panel's microprocessor stops the group poll and concentrates on the single device. The net effect is response speed up to five times greater than earlier designs.

The AMM-4SF module is designed to be installed with the signaling line circuit in any Gamewell-FCI analog addressable fire alarm control panel. The signaling line circuits of Gamewell-FCI analog addressable panels are designed to accommodate up to 159 monitor modules per circuit.

The initiating device circuit of the AMM-4SF can support a maximum line resistance of up to 25 ohms. This feature allows the use of linear heat detection devices. In addition, it allows the module to stay in alarm with one smoke detector activated. The AMM-4SF is designed to mount in a 4" square box 2 1/8" deep.

Ordering Information

AMM-4SF : Addressable monitor module, single circuit,

FEATURES & BENEFITS

- Accommodates up to twenty conventional 2-wire smoke detectors. (See the Gamewell-FCI Compatibility Addendum P/N 9000-0427-L8 for supported detectors)
- Supports Class A, Style D, or Class B, Style B initiating circuit
- Offers 25 ohm line resistance for each initiating device circuit
- Provides visual rotary, decimal switch addressing (01-159)
- Accommodates any N/O dry contact device
- Compact size allows easy installation
- Displays bi-color LEDs flash green whenever the module is addressed, and light steady red on alarm*

*Note: Only the red LED is operative in panels that do not operate in Velociti® mode.

Velociti® Series AMM-4SF Technical Specifications

SYSTEMS

Supervisory Current: .00027 amps. (LED flashing)
Alarm Current: .0051 amps. (LED lit)
Operating Temperature: 32° to 120° F (0° to 49° C)
Relative Humidity: 10 to 93% (non-condensing)
Dimensions: 4 1/2" L x 4" W x 1 1/4" D
(11.4 x 10.2 x 3.2 cm)
End-of-Line Resistor: 3.9 K ohms

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

STANDARDS

The E3 Series Control Panel is designed to comply with the following standards:

UL Standards: UL 864 9th Edition
UL 2572 for Mass Notification

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

UL: S1949, 2572 for Mass Notification
FM: 3023594
MEA FDNY: 227-03-E Vol. IV
CSFM: 7310O-1703:0122
ISO 9001 Certification

For a complete listing of all compliance approvals and certifications, please visit: http://www.gamewell-fci.com/en-US/documentation/Pages/Listings.aspx

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

For more information
Learn more about Gamewell-FCI's Velociti® Series AMM-4SF and other products available by visiting www.Gamewell-FCI.com

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9020-0630 | F | 11/17
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