



APPROVED

Certificate of Compliance

FIRE PROTECTION EQUIPMENT

This certificate is issued for the following equipment:

Product Description — Model Designations:

Models FL3100, FL3101, FL3102, FL3100H, FL3101H

Approval Guide Listing, Category:

Electrical Signaling Alarm Signal Initiating Devices Fire Detection, Flame-Actuated

Flame detector models FL3100 (UV/IR), FL3101 (UV), FL3102 (IR), FL3100H (UV/IR), FL3101H (UV). Flame detector models FL3100H (UV/IR) and FL3101H (UV) use firmware 71424, Rev. C. models FL3100 and FL3101 use firmware 71240, Rev. Q, and model FL3102 uses firmware 71241, Rev. F. The detectors operate from 20 to 36 V dc (24 V dc nominal) via connection to a compatible FM Approved control panel providing separate power circuits and latching initiating device circuits. The detector enclosure is rated Type 4X for use in indoor and outdoor locations, in ambient temperatures from -40° to 185°F (-40° to 85°C) for the Models FL3100, FL3101, FL3100H and FL3101H, and -40° to 176°F (-40° to 80°C) for the Model FL3102. Explosionproof, suitable for use in Class I, Divisions 1, Groups B, C and D; and dust-ignitionproof, suitable for use in Class II/III, Divisions 1 Groups E, F, and G hazardous (classified) locations. [H] model number suffix defines HART communication capability. **Two letter suffix (XX) after model number designation defines flame detection type [UV = ultraviolet, IR = infrared].**

Approved for:

General Monitors, Inc.
26776 Simpatica Circle
Lake Forest, CA 92630

This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s) of the following FM Approval Standards and other documents:

Approval Standards	Date	Other Standards	Date
Class Number		Organization, Designation	
3260	2000	ANSI/NEMA 250	2003
3600	2011	ANSI/NFPA 72	2002
3615	2006		

Original Project Identification: 3014047
Subsequent Revisions: 3036195
3016243
121017

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Jim Marquardt
James E. Marquardt
Group Manager - Electrical
FM Approvals
1151 Boston-Providence Turnpike,

14 December 2012
Date



Member of the FM Global Group