



**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING & INVESTIGATIONS DIVISION
BUILDING MATERIALS LISTING PROGRAM**

LISTING SERVICE

LISTING No.:	7210-1320:0500
CATEGORY:	7210 - FLAME DETECTOR
LISTEE:	General Monitors 16782 Von Karman Ave., Unit 14, Irvine, CA, 92606 Contact: Vlagea, Larry (949) 268-9584 (949) 581-8253 Email: larry.vlagea@msasafety.com
DESIGN:	Models FL500 and *FL500-H2 (UV/IR) Flame Detector. Suitable for temperatures from -67°F to +185°F (-50°C to +85° C). Explosion proof for Class I, Division 1, Groups A, B, C and D, and dust-ignition proof for Class II/III, Division 1, Groups E, F and G hazardous (Classified) locations. Fuels tested for response include the following: Heptane, Methanol, Methane, Propane, Butane, Ethane, and *Hydrogen *(FL500-H2 only). Refer to listee's data sheet for additional detailed product description and operational considerations.
RATING:	20 to 36 VDC
INSTALLATION:	In accordance with listee's printed installation instructions, applicable codes and ordinances, and in a manner acceptable to the authority having jurisdiction.
MARKING:	Listee's name, model number, voltage rating, and FM label.
APPROVAL:	Listed as flame *detectors for use with separately FM listed compatible control units. Authority having jurisdiction should be consulted prior to installation. Refer to listee's Installation Instruction Manual for details.
NOTES:	

*Revision 9-3-21
VWW



This listing is based upon technical data submitted by the applicant. OSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: 05/01/2024

Listing Expires: 06/30/2025



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Authorized By: **David Castillo**, Program Coordinator
Fire Engineering & Investigations Division