

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



# LISTING SERVICE

**LISTING No.** 7210-1736:0104

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**CATEGORY:** 7210 -- FLAME DETECTOR

**LISTEE:** MINIMAX GmbH & Co. KG Industriestrasse 10/12, 23840 Bad Oldesloe, Germany  
Contact: Volker Boettger +49 (4531) 803-8063 Fax +49 (4531) 803-500  
Email: boettgerv@minimax.de

**DESIGN:** Model UniVario FMX5000 IR infrared flame detector. Unit includes MX5000, MX5000 3M16 or MX5000 LCD base. Suitable for indoor and outdoor use. Refer to listee's operating manual for detailed product description and operational considerations.

**RATING:** 9 VDC to 24 VDC nominal (operational 7.6 VDC to 30 VDC) Approximately 2.5 mA quiescent/15mA alarm current, max. 30 VDC/1W

**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, electrical rating and FM label.

**APPROVAL:** Listed as flame detectors for use with separately listed compatible fire alarm control units. Authority having jurisdiction should be consulted prior to installation.

12-09-10 bh



This listing is based upon technical data submitted by the applicant. CSFM 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

Date Issued: **July 01, 2017**

Listing Expires **June 30, 2018**

Authorized By: **DAVID CASTILLO**, Program Coordinator  
Fire Engineering Division