

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



LISTING SERVICE

LISTING No. 7270-1736:0102

Page 1 of 1

CATEGORY: 7270 -- HEAT DETECTOR

LISTEE: MINIMAX GmbH & Co. KG Industriestrasse 10/12, 23840 Bad Oldesloe, Germany
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DESIGN: Models UniVario WMX5000 FS series heat detectors. Thermal uncoupling of the sensor element via a tube with special overall length. The lengths for model WMX5000 FS are variable from 150mm to 1500mm. The length for models WMX5000 FS L200, L400, L600 are 200mm, 400mm, and 600mm correspondingly. Models WMX5000 FS Flex series, L2000, L6000, L9000 heat detectors. Thermal uncoupling of the sensor element via a flexible hose with special overall length. The lengths for model WMX5000 FS Flex are variable from 0.5m to 9m. The length for models L2000, L6000 and L9000 are 2m, 6m and 9m correspondingly. The detectors are programmable fixed/rate-of-rise heat detectors suitable for indoor and outdoor use. Optionally, the detectors can be connected to compatible signaling line circuits using internal KMX 5000 AP Communication Module. Four wire use possible with internal relay module KMX 5000 RK. Refer to listee's data sheet for detailed product description and operational considerations.

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, product designation and UL label.

APPROVAL: Listed as fixed temperature and rate of rise type heat detectors for use with separately listed compatible fire alarm control units.

12-08-2009 fm



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