

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



# LISTING SERVICE

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**CATEGORY:** 7275 -- COMBINATION SMOKE/CO DETECTOR-PHOTOELECTRIC TYPE

**LISTEE:** System Sensor, Unincorporated Div of Honeywell Int'l Inc. 3825 Ohio Ave, St. Charles, IL 60174  
Contact: Trish Linhart (630) 762-5025 Fax (630) 377-7245  
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**DESIGN:** Models COSMO2W and COSMO4W combination photoelectric smoke detector/electrochemical carbon monoxide detectors. The COSMO2W is a two wire and the COSMO4W is a four wire detector. Refer to listee's data sheet for detailed product description and operational considerations.

**RATING:** 12-24 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, electrical rating, and UL label.

**APPROVAL:** Listed as combination photoelectric smoke detector/electrochemical carbon monoxide detectors for use with separately listed compatible fire alarm control units. For use on vertical wall or ceiling surface. The Models COSMO2W and COSMO4W are intended to operate with the Models COSMOD2W and COSMOD4W Interface Modules respectively (CSFM No. 7300-1653-0228). Refer to listee's Installation Instruction Manual for details.

**NOTE:** The photoelectric type detectors are generally more effective at detecting slow, smoldering fires, which smolder for hours before bursting into flames. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires, which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.

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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, 2015**

Listing Expires **June 30, 2016**

Authorized By: **JAMES PARSESIAN, Program Coordinator**  
*Fire Engineering Division*