

Menu

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

[Print](#) [Save](#) [Email](#)

[Resource detail](#)

[Citations](#)

BS EN 54-12:2002 Fire detection and fire alarm systems - Part 12: Smoke detectors - Line detectors using an optical light beam

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Abbreviation

BS EN 54-12:2002

Valid from

31/07/2003

Information provider

Standards New Zealand

Author

British Standards Institution

Information type

British Standard

Format

PDF

Cited By

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Description

This standard specifies the requirements, test methods and performance criteria for line smoke detectors utilising the attenuation and/or the change in attenuation of an optical beam, for use in fire detection systems installed in buildings.

Scope

BS EN 54-12:2002 specifies requirements, test methods and performance criteria for line smoke detectors utilising the attenuation and/or changes in attenuation of an optical beam, for use in fire detection systems installed in buildings.

This European Standard does not cover:

- line smoke detectors designed to operate with separations between opposed components of less than 1 m
- line smoke detectors whose optical path length is defined or adjusted by an integral mechanical connection
- line smoke detectors with special characteristics, which cannot be assessed by the test methods in this European Standard.

Note: The term “optical” is used to describe that part of the electromagnetic spectrum produced by the transmitter to which the receiver is responsive; this is not restricted to visible wavelengths

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Back

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Back

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Table of Contents

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[Feedback](#)

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

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