



SLOVENSKI STANDARD
SIST EN 54-29:2015/oprA1:2017
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Sistemi za odkrivanje in javljanje požara ter alarmiranje - 29. del: Večsenzorski javljalniki požara - Točkovni javljalniki s senzorjema za zaznavanje dima in toplote - Dopolnilo A1

Fire detection and fire alarm systems - Part 29: Multi-sensor fire detectors - Point detectors using a combination of smoke and heat sensors

Brandmeldeanlagen - Teil 29: Mehrfachsensor-Brandmelder - Punktförmige Melder mit kombinierten Rauch- und Wärmesensoren

Systèmes de détection et d'alarme incendie - Partie 29 : Détecteurs d'incendie multi-capteurs - Détecteurs ponctuels utilisant une combinaison de capteurs de fumée et de chaleur

Ta slovenski standard je istoveten z: EN 54-29:2015/prA1

ICS:

13.220.20	Požarna zaščita	Fire protection
13.320	Alarmni in opozorilni sistemi	Alarm and warning systems

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EUROPEAN STANDARD
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English Version

Fire detection and fire alarm systems - Part 29: Multi-sensor fire detectors - Point detectors using a combination of smoke and heat sensors

Systèmes de détection et d'alarme incendie - Partie 29 :
DéTECTEURS d'incendie multi-capteurs - DéTECTEURS
ponctuels utilisant une combinaison de capteurs de
fumée et de chaleur

Brandmeldeanlagen - Teil 29: Mehrfachsensor-
Brandmelder - Punktförmige Melder mit kombinierten
Rauch- und Wärmesensoren

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 72.

This draft amendment A1, if approved, will modify the European Standard EN 54-29:2015. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 54-29:2015/prA1:2017) has been prepared by Technical Committee CEN/TC 72 “Fire detection and fire alarm systems”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive, see informative Annex ZA, which is an integral part of EN 54-29:2015.

EN 54-29:2015/prA1:2017 (E)

1 Modification to the Scope

Delete the NOTE from the existing scope.

2 Modification to Clause 3

Add the following terms and definitions:

3.6

type A – optical

multi-sensor fire detector with a smoke sensor sensitive to combustion products capable of affecting the absorption or scattering of radiation in the infra-red, visible and/or ultraviolet regions of the electromagnetic spectrum

3.7

type B – ionisation

multi-sensor fire detector with a smoke sensor sensitive to combustion products capable of affecting ionisation currents within the detector

3 Modification to 4.1

Add the following paragraph as a second paragraph:

Multi-sensor fire detectors with a smoke sensor that operate using scattered light or transmitted light are designated as “Type A – optical” detectors. Multi-sensor fire detectors with a smoke sensor that operate using ionization are designated as “Type B – ionisation” detectors.

4 Modification to Clause 8

Add points f) and g) at the end of the existing list as follows:

- f) functional principle (Type A – optical and/or Type B – ionization);
- g) the trefoil symbol for Type B multi-sensor fire detectors.

Modify the first sentence after the list to include points f) and g) as follows:

For detachable detectors, the detector head shall be marked with a), b), c) and d), f) and g), and the base shall be marked with, at least c) (i.e. its own model designation) and e).