

BS EN 54-27:2015



BSI Standards Publication

# Fire detection and fire alarms systems

Part 27: Duct smoke detectors

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**National foreword**

This British Standard is the UK implementation of EN 54-27:2015.

Clause 5.6.6 of this standard defines a non-operational leakage test method using under pressures - in excess of those observed in most ducts. However, in order to pass the test it is allowed to block the cable entries - thus excluding them from the leakage test. In some devices leakage through the cable entries may adversely affect the detector's sensitivity to smoke. Users are advised to consider the potential negative effects of leakage through the cable entries before deploying products approved to this standard.

The UK participation in its preparation was entrusted by Technical Committee FSH/12, Fire detection and alarm systems, to Technical Subcommittee FSH/12/2, Fire detectors.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

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**Amendments/corrigenda issued since publication**

Date	Text affected
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EUROPEAN STANDARD

**EN 54-27**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2015

ICS 13.220.20

English Version

**Fire detection and fire alarms systems - Part 27: Duct smoke detectors**

Systèmes de détection et d'alarme incendie - Partie 27 :  
DéTECTEURS de fumées dans les conduits

Brandmeldeanlagen - Teil 27: Rauchmelder für die  
Überwachung von Lüftungsleitungen

This European Standard was approved by CEN on 11 January 2015.

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This European Standard exists 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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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**