SLOVENSKI STANDARD
SIST EN 60079-29-1:2017/oprAA:2021

01-november-2021

Eksplozivne atmosfere - 29-1. del: Javljalniki plina - Zahteve za delovanje javljalnikov vnetljivih plinov

Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases

Explosionsfähige Atmosphäre - Teil 29-1: Gasmessgeräte - Anforderungen an das Betriebsverhalten von Geräten für die Messung brennbarer Gase

Atmosphères explosives - Partie 29-1: Détecteurs de gaz - Exigences d'aptitude à la fonction des détecteurs de gaz inflammables

Ta slovenski standard je istoveten z: EN 60079-29-1:2016/prAA

ICS:

13.320	Alarmni in opozorilni sistemi	Alarm and warning systems
29.260.20	Električni aparati za eksplozivna ozračja	Electrical apparatus for explosive atmospheres

SIST EN 60079-29-1:2017/oprAA:2021 en,fr,de

EUROPEAN STANDARD

NORME EUROPÉENNE

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English Version

Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases

Atmosphères explosives - Partie 29-1: Détecteurs de gaz - Exigences d'aptitude à la fonction des détecteurs de gaz inflammables

Explosionsfähige Atmosphäre - Teil 29-1: Gasmessgeräte - Anforderungen an das Betriebsverhalten von Geräten für die Messung brennbarer Gase

This draft amendment prAA, if approved, will modify the European Standard EN 60079-29-1:2016; it is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2021-11-05.

It has been drawn up by CLC/SC 31-9.

If this draft becomes an amendment, CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

This draft amendment was established by CENELEC in three official versions (English, French, German).
A version in any other language made by translation under the responsibility of a CENELEC 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 Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Project: 73319 Ref. No. EN 60079-29-1:2016/prAA E

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European foreword

This document (EN 60079-29-1:2016/prAA:2021) has been prepared by CLC/TC 31 “Electrical apparatus for potentially explosive atmospheres”.

This document is currently submitted to the Enquiry.

The following dates are proposed:

• latest date by which the existence of this document has to be announced at national level	(doa)	dor + 6 months
• latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	dor + 12 months
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	dor + 36 months (to be confirmed or modified when voting)

This document will amend EN 60079-29-1:2016/FprA1:2019.

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

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of EN 60079-29-1:2016/FprA1:2019.

1 Modification to Clause 5, “Test methods”

Replace the entire subclause 5.4.21 by the following:

“**5.4.21 Electromagnetic compatibility**

The equipment shall be set up under normal conditions, in accordance with 5.3, and then shall be subjected to the tests specified in EN 50270.”

2 Modification to Table A.1, “Performance Requirements”

*In Table A.1, **replace** the row referring to subclause 5.4.21 by:*

“

Sub-clause	Test	Group I equipment limits (whichever value is greater)		Group II equipment limits (whichever value is greater)		
		Volume fraction up to 5 % methane in air indication	Volume fraction up to 100 % methane in air indication	Volume fraction up to 20 % lower flammable limit indication	Volume fraction up to 100 % lower flammable limit indication	Volume fraction up to 100 % gas indication
5.4.21	Electromagnetic compatibility	According to EN 50270	According to EN 50270	According to EN 50270	According to EN 50270	According to EN 50270

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