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English Version

Gas meters - Diaphragm gas meters

Compteurs de gaz - Compteurs de volume de gaz à
parois déformables

Gaszähler - Balgengaszähler

This European Standard was approved by CEN on 14 May 2017.

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European foreword

This document (EN 1359:2017) has been prepared by Technical Committee CEN/TC 237 “Gas meters”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2018, and conflicting national standards shall be withdrawn at the latest by January 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1359:1998.

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.

For relationship with EU Directive, see informative Annex ZA, which is an integral part of this document.

Significant changes from the previous editions include:

- conformity with the MID 2014/32/EU regarding declared errors of the same sign and testing Q_{\min} at the minimum and maximum declared gas temperatures;
- corrosion protection restructured;
- endurance testing for residential meters revised to reflect better the in-service life;
- provision for meters with electronic indexes and integrated valves, and requirements for additional functionalities as given in EN 16314;
- adhesion testing of labels.

Annex B has been restructured to give additional requirements for meters provided with a built-in gas temperature conversion device.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.