

STN	Stabilné hasiace zariadenia Komponenty pre sprinklerové a vodné rozstrekovacie zariadenia Časť 9: Zavodňovacie ventilové stanice	STN EN 12259-9 92 0407
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Fixed firefighting systems - Components for sprinkler and water spray systems - Part 9: Deluge alarm valves

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Installations fixes de lutte contre l'incendie - Organes constitutifs des systèmes sprinkleurs et à pulvérisation d'eau - Partie 9 : Systèmes de soupape d'alarme déluge

Ortsfeste Brandbekämpfungsanlagen - Bauteile für Sprinkler- und Sprühwasseranlagen - Teil 9: Sprühwasserventile und Zubehör

This European Standard was approved by CEN on 1 March 2019.

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

EN 12259-9:2019 (E)

Contents	Page
European foreword.....	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Product characteristics	8
4.1 Operational reliability	8
4.1.1 Working pressure.....	8
4.1.2 Range of operation.....	8
4.1.3 Pressure loss due to hydraulic friction loss.....	10
4.1.4 Operational reliability of moving parts.....	10
4.1.5 Avoidance of error in cover plate installation.....	14
4.1.6 Provision of access to sealing assembly for maintenance.....	14
4.1.7 Provision of manual drain connection.....	14
4.1.8 Provision of automatic drain to prevent water columns.....	15
4.2 Durability	15
4.2.1 Endurance.....	15
4.2.2 Resistance to ageing of non-metallic components (excluding gaskets, diaphragms and seals).....	15
4.2.3 Resistance of springs and diaphragms to cyclic operations.....	15
4.2.4 Resistance to deterioration of body, fasteners and covers.....	15
4.2.5 Resistance to deterioration for seating and bearing surfaces.....	16
4.2.6 Resistance to adhesion for sealing assembly and diaphragm elements.....	16
4.3 Additional requirements	16
4.3.1 Nominal size.....	16
4.3.2 Connections.....	16
5 Testing, assessment and sampling methods	17
6 Assessment and verification of constancy of performance - AVCP	17
6.1 General.....	17
6.2 Type testing.....	17
6.2.1 General.....	17
6.2.2 Test samples, testing and compliance criteria.....	18
6.2.3 Test reports.....	20
6.2.4 Shared other party results.....	20
6.3 Factory production control (FPC)	20
6.3.1 General.....	20
6.3.2 Requirements.....	21
6.3.3 Product specific requirements.....	23
6.3.4 Initial inspection of factory and of FPC.....	23
6.3.5 Continuing surveillance of FPC.....	24
6.3.6 Procedure for modifications.....	24
6.3.7 Pre-production products (e.g. prototypes).....	24
7 Marking, labelling and packaging	25
7.1 General.....	25
7.2 Deluge alarm valve.....	26

8	Instructions for installation and operation	26
	Annex A (normative) Fire exposure test for body and cover.....	27
	Annex B (normative) Strength test for body and cover	29
	Annex C (normative) Flow tests for deluge alarm valves.....	30
C.1	Automatic drain valve operation.....	30
C.2	Flow through open drain	30
C.3	Hydraulic friction loss test.....	30
	Annex D (normative) Sealing assembly tests	32
D.1	Fatigue test for springs and diaphragms	32
D.2	Anti-reseating test.....	32
D.3	Differential pressure ratio test.....	32
	Annex E (normative) Performance tests	34
E.1	Resistance of body and sealing assembly to leakage and deformation	34
E.2	Operational characteristics of a deluge alarm valve	34
	Annex F (normative) Resistance to ageing test for non-metallic components (excluding diaphragms, gaskets and seals).....	36
F.1	Air oven ageing for components normally exposed to air when in the ready condition.....	36
F.2	Warm water ageing for components normally exposed to water when in the ready condition.....	36
	Annex G (normative) Leakage resistance test.....	37
	Annex H (normative) Test for sealing assembly elements - Resistance to adhesion.....	38
	Annex I (normative) Endurance test - Procedure	39
	Annex J (normative) Salt mist corrosion test	40
J.1	Reagents.....	40
J.2	Apparatus	40
J.3	Procedure	40
	Annex K (informative) Typical testing schedule and example of test specimen number of deluge alarm valves.....	41
	Bibliography	42

EN 12259-9:2019 (E)**European foreword**

This document (EN 12259-9:2019) has been prepared by Technical Committee CEN/TC 191 “Fixed firefighting systems”, 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 October 2019 and conflicting national standards shall be withdrawn at the latest by January 2021.

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.

EN 12259, *Fixed firefighting systems - Components for sprinkler and water spray systems*, consists of the following parts:

- *Part 1: Sprinklers;*
- *Part 2: Wet alarm valve assemblies;*
- *Part 3: Dry alarm valve assemblies;*
- *Part 4: Water motor alarms;*
- *Part 5: Water flow detectors;*
- *Part 6: Pipe couplings (in preparation);*
- *Part 7: Pipe hangers (in preparation);*
- *Part 8: Pressure switches (in preparation);*
- *Part 9: Deluge alarm valves;*
- *Part 10: Multiple controls (in preparation);*
- *Part 11: Medium and high velocity water sprayers (in preparation);*
- *Part 12: Pump sets (in preparation);*
- *Part 14: Sprinklers for residential applications (in preparation).*

According to the CEN-CENELEC Internal Regulations, the national standards organizations 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.

1 Scope

This part of EN 12259 specifies requirements, test methods, evaluation of conformity and marking of deluge alarm valves with a nominal size range DN40 to DN250 intended to be used for fire safety.

This document is applicable to clapper type and diaphragm type valves; it is not applicable to elastomeric sleeve type valves and does not include rules for design, installation and maintenance of fire protection water spray systems.

Auxiliary components and attachments to deluge alarm valves are not covered by this part of EN 12259 with the exception of automatic drain valves.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 898-1:2013, *Mechanical properties of fasteners made of carbon steel and alloy steel — Part 1: Bolts, screws and studs with specified property classes — Coarse thread and fine pitch thread (ISO 898-1:2013)*

EN ISO 898-2:2012, *Mechanical properties of fasteners made of carbon steel and alloy steel — Part 2: Nuts with specified property classes — Coarse thread and fine pitch thread (ISO 898-2:2012)*

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