

norm

NEN-EN-IEC 60730-2-8 (en; fr)

Automatische elektrische regelaars voor huishoudelijk en soortgelijk gebruik - Deel 2-8: Bijzondere eisen voor elektrisch bediende waterafsluiters inclusief mechanische eisen (IEC 60730-2-8:2000,MOD)

Automatic electrical controls for household and similar use - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements (IEC 60730-2-8:2000,MOD)

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Als Nederlandse norm is aanvaard:

- EN 60730-2-8:2002, IDT
- IEC 60730-2-8:2000, MOD

Nederlands Elektrotechnisch Comité (NEC)
Normcommissie NEC 72 "Automatische regelaars voor huishoudelijk gebruik"

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Nederlands voorwoord

Voor de in deze norm vermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>vermelde norm</u>	<u>Nederlandse norm</u>	<u>titel</u>
ISO 7-1:1994	-	-
ISO 65:1981	NEN-EN 10255:2002 2e Ontw.	Buizen van ongelegeerd staal geschikt voor lassen en draadsnijden - Technische leveringsvoorwaarden (en)
ISO 228-1:1994	-	-
ISO 630:1995	-	-
ISO 1179:1981	-	-
ISO 4144:1979	-	-
ISO 4400:1994	NEN-ISO 4400:1994	Hydrauliek en pneumatiek - Driepolige contactstoppen met aardcontact - Karakteristieken en eisen (en)
ISO 6952:1994	NEN-ISO 6952:1994	Hydrauliek en pneumatiek - Tweepolige contactstoppen met aardcontact - Karakteristieken en eisen (en)

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Preview

English version

Automatic electrical controls for household and similar use
Part 2-8: Particular requirements for electrically operated water valves,
including mechanical requirements
(IEC 60730-2-8:2000, modified)

Dispositifs de commande électrique
automatiques à usage domestique
et analogue
Partie 2-8: Règles particulières pour
les électrovannes hydrauliques,
y compris les prescriptions mécaniques
(CEI 60730-2-8:2000, modifiée)

Automatische elektrische Regel- und
Steuergeräte für den Hausgebrauch
und ähnliche Anwendungen
Teil 2-8: Besondere Anforderungen
an elektrisch betriebene Wasserventile,
einschließlich mechanischer
Anforderungen
(IEC 60730-2-8:2000, modifiziert)

This European Standard was approved by CENELEC on 2001-12-04. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of the International Standard IEC 60730-2-8:2000, prepared by IEC TC 72, Automatic controls for household use, together with the common modifications prepared by the Technical Committee CENELEC TC 72, Automatic controls for household use, was submitted to the formal vote and was approved by CENELEC as EN 60730-2-8 on 2001-12-04.

This European Standard supersedes EN 60730-2-8:1995 + corrigendum March 2001 + A1:1997 + A1:1997/corrigendum March 2001 + A2:1997 + A2:1997/corrigendum March 2001.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement dop 2002-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn dow 2008-12-01

This Part 2-8 is to be used in conjunction with EN 60730-1:1995, Automatic electrical controls for household and similar use - Part 1. General requirements, and its amendments. Consideration may be given to future editions of EN 60730-1.

This Part 2-8 supplements or modifies the corresponding clauses of EN 60730-1 so as to convert it into the European Standard. Particular requirements for electrically operated water valves, including mechanical requirements.

Where a particular clause or subclause of Part 1 is not mentioned in this Part 2-8, that clause or subclause applies as far as is reasonable. Where this Part 2-8 states "addition", "modification" or "replacement", the relevant text of Part 1 is to be adapted accordingly.

Where reference is made to other international or harmonized standards, the edition of that standard quoted in annex ZA (normative) is applicable.

There are no special national conditions (snc) causing a deviation from this European Standard other than those listed in annex ZB of EN 60730-1.

There are no national deviations from this European Standard other than those listed in Annex ZC of EN 60730-1.

In this standard:

- 1) The following print types are used:
 - Requirements proper: in roman type;
 - *Test specifications: in italic type;*
 - Explanatory matter: in small roman type.
- 2) Subclauses, notes, tables and figures which are additional to those in Part 1 are numbered starting from 101, additional annexes are lettered AA, BB, etc.

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes H, BB, CC, DD, EE and ZA are normative and annex AA is informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60730-2-8:2000 was approved by CENELEC as a European Standard with agreed common modifications as given below.

COMMON MODIFICATIONS

Foreword ~~Delete~~

1 **Scope and normative references**

1.1 ~~Replace~~ the second paragraph by:
EN 60730-2-1 does not apply to water valves.

1.1.4 ~~Delete~~ the explanation paragraph.

7 **Information**

Table 7.2 **Add** the following item to the table

113	For valves intended to be connected to the water supply mains	18.101.1	D
-----	---	----------	---

7.4.4 Change the reference to this subclause to 7.4.5.

10 **Terminals and terminations**

10.2 ~~Delete~~ the third explanation paragraph.

14 **Heating**

14.7.4 In the addition to the notes of Table 14.1, ~~delete~~ "(120 °C in some countries)".

16 **Environmental stress**

16.2.1 ~~Delete~~ the note.

17 **Endurance**

17.7 ~~Delete~~ the words in the title in parentheses.

18 **Mechanical strength**

18.101.1 **Add:**

For valves declared to be connected to the water supply mains the test shall be performed at 1,5 times the declared maximum working pressure or 1,6 MPa (16 bar), whichever is the greater.

27 Abnormal operation

27.2.101.1 **Delete** the note.

Annexes

Annex H

H.26.9 **Delete** the replacement.

Annex CC **Delete** the two notes.

Annex DD

DD.1.2.1 **Delete** the note and the annotation in the table.

DD.6 **Delete** the note and the annotation in the table.

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Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

Additions to annex ZA of EN 60730-1:1995

Add under ISO publications:

ISO 7-1	1994	Pipe threads where pressure-tight joints are made on the threads - Part 1: Dimensions, tolerances and designation	-	-
ISO 65	1981	Carbon steel tubes suitable for screwing in accordance with ISO 7-1	-	-
ISO 228-1	1994	Pipe threads where pressure-tight joints are not made on the threads – Part 1: Dimensions, tolerances and designation	-	-
ISO 630	1995	Structural steels – Plates, wide flats, bars sections and profiles	-	-
ISO 1179	1981	Pipe connections threaded to ISO 228-1 for plain and steel and other metal tubes in industrial applications	-	-
ISO 4144	1979	Stainless steel fittings threaded to ISO 7-1	-	-
ISO 4400	1994	Fluid power systems and components - Three-pin electrical plug connectors with earth contact – Characteristics and requirements	-	-
ISO 6952	1994	Fluid power systems and components - Two-pin electrical plug connectors with earth contact – Characteristics and requirements	-	-

Voorbeeld
Preview

**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60730-2-8

Edition 2.1

2003-01

Edition 2:2000 consolidée par l'amendement 1:2002
Edition 2:2000 consolidated with amendment 1:2002

**Dispositifs de commande électrique automatiques
à usage domestique et analogue –**

**Partie 2-8:
Règles particulières pour les électrovannes
hydrauliques, y compris les prescriptions
mécaniques**

**Automatic electrical controls for household
and similar use –**

**Part 2-8:
Particular requirements for electrically operated
water valves, including mechanical requirements**



Numéro de référence
Reference number
CEI/IEC 60730-2-8:2000+A1:2002

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Depuis le 1er janvier 1997, les publications de la CEI sont numérotées à partir de 60000. Ainsi, la CEI 34-1 devient la CEI 60034-1.

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2003-01

Edition 2:2000 consolidée par l'amendement 1:2002
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