



SLOVENSKI STANDARD
SIST EN 61028:1995/A1:2001
01-februar-2001

Električni merilni instrumenti – Koordinatni (X-Y) zapisovalniki – Dopolnilo A1 (IEC 61028:1991/A1:1995)

Electrical measuring instruments - X-Y recorders

Elektrische Meßgeräte - X-Y-Schreiber

Appareils électriques de mesure - Enregistreurs X-Y

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Ta slovenski standard je istoveten z: EN 61028:1993/A1:1995

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ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61028/A1

July 1995

UDC 621.317.7
ICS 17.220.20

Descriptors: Measuring instrument, electrical measurement, recorder, indirect acting recorder, X-Y recorder

English version

**Electrical measuring instruments
X-Y recorders
(IEC 1028:1991/A1:1995)**

Appareils électriques de mesure
Enregistreurs X-Y
(CEI 1028:1991/A1:1995)

Elektrische Meßgeräte
X-Y-Schreiber
(IEC 1028:1991/A1:1995)

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This amendment A1 modifies the European Standard EN 61028:1993; it was approved by CENELEC on 1995-07-04. 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.

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 amendment 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, 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 document 85/42/DIS, future amendment 1 to IEC 1028:1991, prepared by IEC TC 85, Measuring equipment for electromagnetic quantities, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 61028:1993 on 1995-07-04.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-04-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-04-01

For products which have complied with EN 61028:1993 before 1996-04-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-04-01.

Endorsement notice

The text of amendment 1:1995 to the International Standard IEC 1028:1991 was approved by CENELEC as an amendment to the European Standard without any modification.

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[SIST EN 61028:1995/A1:2001](https://standards.iteh.ai/catalog/standards/sist/2901cf7a-b602-4795-afe7-6564bd1cf24c/sist-en-61028-1995-a1-2001)

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
1028

1991

AMENDEMENT 1
AMENDMENT 1

1995-05

Amendement 1

**Appareils électriques de mesure –
Enregistreurs X-Y**

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Amendment 1
(standards.iteh.ai)

**Electrical measuring instruments –
X-Y recorders**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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For price, see current catalogue*

FOREWORD

This amendment has been prepared by IEC technical committee 85: Measuring equipment for electromagnetic quantities.

The text of this amendment is based on the following documents:

DIS	Report on voting
85/42/DIS	85/50/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

Page 23

2.9.1 Accuracy

Replace the second paragraph of this subclause by the following:

For an accessory, the closeness of the marked value to the conventional true value.

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4.3 Conditions for the determination of intrinsic error

Replace, page 33, the first paragraph by the following:

The recorded value of the measurand is read from the chart. If the value is read from chart lines, an appropriate correction shall be made to take account of the accuracy of the distance apart of the chart lines.

Page 33

4.4.1 Limits of the dead band

Replace the title and text of this subclause by the following:

4.4.1 Maximum value of the dead band

Under reference conditions, the dead band is included within the intrinsic error.

The dead band may exceed the value corresponding to the permissible error when one (and only one) influence quantity is within its nominal range of use, all the other influence quantities being at their reference values or within their reference ranges. This increase in the value of the dead band shall not exceed the permissible variation for that influence quantity.

Page 35

Subclause 5.1.2.1

Replace this subclause by the following

5.1.2.1 For values of the nominal range of use beyond the reference range (or reference value), the variation shall not exceed the values given in Table II.

Page 43

7.2 Preferred values for sensitivity

Replace the second line by the following:

value of measurand/millimetre

Page 47

Subclause 8.3.5

Replace column 1 in Table III by:

Example	
25 °C	
20 25 30 °C	
15 20 25 30 °C	
20 20 25 30 °C	

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