

Vöötkodeerimine. Andmeidentifikaatorid

Bar coding - Data identifiers

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 1571:2000 sisaldab Euroopa standardi EN 1571:1996 ingliskeelset teksti.	This Estonian standard EVS-EN 1571:2000 consists of the English text of the European standard EN 1571:1996.
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ICS 35.040

Võtmesõnad: bar codes, character recognition, data, data processing, designation, optical recognition,

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ICS 35.040

Descriptors: Bar coding, data identifiers.

English version

Bar coding

Data identifiers

Codes à barres – Identifiants de donnée

Strichcodierung – Datenkennzeichen

This European Standard was approved by CEN on 1996-10-30.

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

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CEN

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Comité Européen de Normalisation
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Contents

	Page
Foreword	2
Introduction	2
1 Scope	3
2 Normative references	3
3 Definitions	3
3.1 Data identifier	3
4 Data identifier sets	3
4.1 ANSI/FACT data identifiers	3
4.2 UCC/EAN application identifiers	4
5 Maintenance	4
Annex A (informative) The health industry bar code (HIBC) application	5
Annex B (informative) User guidance	6

Foreword

This European Standard was prepared by Technical Committee CEN/TC 225 'Bar coding' the secretariat of which is held by NNI.

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of an identical text or by endorsement, at the latest by May 1997, and conflicting national standards shall be withdrawn at the latest by May 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This European Standard provides the means to identify data to be represented in machine readable form using bar code symbology standards.

The increasing number of bar code applications has revealed the need to standardize general features, among which data identification.

Data identification is needed whenever several kinds of bar coded data appear on a document, such as a transport label. To allow unambiguous data processing, it is necessary that each bar coded data in an application where more than one bar coded data appear, is identified specifically through a "data identifier".

1 Scope

This European Standard

- specifies sets of data identifiers for the purpose of identifying bar coded data;
- identifies the organizations responsible for their maintenance.

2 Normative references

This European Standard incorporates by dated or undated references provisions from other publications. These normative references are cited at appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 799	Bar coding - Symbology specifications - "Code 128"
prEN 1556	Bar coding - Terminology
ANSI MH10.8.2	Data Application Identifiers for Materials Handling
"General EAN Specifications" (EAN International, Brussels, 1994)	

3 Definitions

For the purposes of this standard the definitions of prEN 1556 and the following apply.

3.1 data identifier: A data identifier is a character or string of characters used in a prefix position to uniquely identify the data that follows.

4 Data identifier sets

Where appropriate, information printed in bar code shall be identified in accordance with one of the following sets of identifiers:

- ANSI/FACT data identifiers
- UCC/EAN application identifiers

4.1 ANSI/FACT data identifiers

The full list of registered ANSI/FACT data identifiers and the full specification for their use are found in the American National Standard MH10.8.2 "Data Application Identifiers for Materials Handling", hereafter referred to as the "ANSI/FACT list".

Within the ANSI/FACT list there are a number of special characters which are reserved exclusively to identify specific applications. The "HIBC Supplier Labelling Standard" is one of these and has the "+" sign allocated. See annex A for references.

ANSI/FACT data identifiers may be used with any alphanumeric symbology and are designed to ensure cross-industry commonality of data identifiers used in automatic identification technologies.

ANSI/FACT data identifiers have a format of one alphabetic character alone, or one alphabetic