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**AIDC TECHNOLOGIES - OPERATIONAL  
ASPECTS AFFECTING THE READING OF BAR  
CODE SYMBOLS**

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## AIDC technologies - Operational aspects affecting the reading of bar code symbols

Techniques d'identification automatique et de saisie des données - Aspects de mise en oeuvre affectant la lecture des symboles en codes à barres

AutoID-Technologien - Einflussgrößen auf die Lesung von Strichcodes

This European Standard was approved by CEN on 14 July 2004.

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

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## **Foreword**

This document (EN 1649:2004) has been prepared by Technical Committee CEN/TC 225, "Bar coding", the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by February 2005, and conflicting national standards shall be withdrawn at the latest by February 2005.

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

This document supersedes ENV 1649:1995

## **EN 1649:2004 (E)**

### **Introduction**

Implementation of the technology of bar coding requires the originators of the bar code marking, and those wishing to make use of the bar codes to capture data relating to the marked entity automatically, to work to a common application standard. The application standard may make reference to publicly available specifications for the underlying technical aspects of the bar code symbol and of the equipment for its production and reading.

By means of such publicly available standards, the producers of symbols and those wishing to read the symbols can be aware of the requirements which must be met by any symbol production and symbol reading equipment which they specify for their respective systems.

This document also provides the manufacturers of both bar code marking and bar code reading equipment with the requirements to which that equipment must comply, for that application.

This document provides the means by which bodies which are making application standards for industries can ensure that all relevant technical requirements are addressed during the standards making process.

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