

INTERNATIONAL
STANDARD

ISO/IEC
10279

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AMENDMENT 1
1994-12-15

**Information technology — Programming
languages — Full BASIC**

**AMENDMENT 1: Modules and single character
input enhancement**

Technologies de l'information — Langages de programmation — Full BASIC

AMENDEMENT 1: Mise en valeur d'entrée de modules et de caractère unique



Reference number
ISO/IEC 10279:1991/Amd.1:1994(E)

Foreword

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Amendment 1 to International Standard ISO/IEC 10279:1991 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee 22, *Programming languages, their environments and system software interfaces*.

Annex A of this amendment is for information only.

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Introduction

This amendment is designed to promote the interchangeability of BASIC programs among a variety of automatic data processing systems that utilize the individual character input and module features. It is an enhancement to ISO/IEC 10279 and shall be used in conjunction with ISO/IEC 10279. This amendment is derived from the American National Standard X3.113A-1989.

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Information technology — Programming languages — Full BASIC —

AMENDMENT 1: Modules and single character input enhancement

1 Scope

This Amendment establishes

- the syntax of programs written using individual character input, or modules, or both;
- the semantic rules for interpreting the meaning of a BASIC program that uses individual character input, or modules, or both;
- errors and exceptional circumstances to be detected and also the manner in which such errors and exceptional circumstances are to be handled.

2 Specific changes

Page 1

Clause 1, paragraph 3, replace by:

“This International Standard specifies its own conformance subsets, which include those specified in ANSI X3.113–1987, ANSI X3.113A–1989 and ECMA–116.”

Clause 2, add the following reference:

“ANS X3.113A-1989: *Addendum for individual character input and modules.*”

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Subclause 3.1, paragraph 1, replace the first sentence by:

“Apart from the conformance rules the technical content of this International Standard is defined in part from Sections 3 to 18 of ANS X3.113–1987 and its Addendum.”

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Subclause 4.1, add the following four new conformance modules:

- p) An *individual character input* module, which encompasses all programs whose syntax conforms to ANS BASIC Addendum Section 17, together with the *core*.
- q) An *individual character input subset* module, which encompasses all programs whose syntax conforms to ANS BASIC Addendum Section 17, together with the *subset core*.

- r) A *modules* module, which encompasses all programs whose syntax conforms to ANS BASIC Addendum Section 18, together with the *core*.
- s) A *modules subset* module, which encompasses all programs whose syntax conforms to ANS BASIC Addendum Section 18, together with the *subset core*.

(Note: See Annex A for the relationship between these conformance modules and the conformance modules defined in ANS X3-113A-1989.)

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