



SLOVENSKI STANDARD
SIST EN IEC 61784-1-9:2023

01-november-2023

Industrijska omrežja - Profili - 1-9. del: Profili procesnih vodil - Komunikacijski profil skupine 9 (IEC 61784-1-9:2023)

Industrial networks - Profiles - Part 1-9: Fieldbus profiles - Communication Profile Family 9 (IEC 61784-1-9:2023)

Industrielle Kommunikationsnetze - Profile - Teil 1-9: Feldbusprofile - Kommunikationsprofilfamilie (CPF) 9 (IEC 61784-1-9:2023)

Réseaux industriels - Profils - Partie 1-9: Profils de bus de terrain - Famille de profils de communication 9 (IEC 61784-1-9:2023)

Ta slovenski standard je istoveten z: EN IEC 61784-1-9:2023

[SIST EN IEC 61784-1-9:2023](https://standards.slovenski-standard.si/standards/sist-en-iec-61784-1-9:2023-iec-61784-1-9:2023)

<https://standards.slovenski-standard.si/standards/sist-en-iec-61784-1-9:2023-iec-61784-1-9:2023>

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.100.05	Večslojne uporabniške rešitve	Multilayer applications

SIST EN IEC 61784-1-9:2023

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 61784-1-9

May 2023

ICS 35.100.20; 35.240.50

Supersedes EN IEC 61784-1:2019 (partially)

English Version

**Industrial networks - Profiles - Part 1-9: Fieldbus profiles -
Communication Profile Family 9
(IEC 61784-1-9:2023)**

Réseaux industriels - Profils - Partie 1-9: Profils de bus de terrain - Famille de profils de communication 9
(IEC 61784-1-9:2023)

Industrielle Kommunikationsnetze - Profile - Teil 1-9: Feldbusprofile - Kommunikationsprofilfamilie (CPF) 9
(IEC 61784-1-9:2023)

This European Standard was approved by CENELEC on 2023-04-28. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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[SIST EN IEC 61784-1-9:2023](https://standards.iteh.ai/catalog/standards/sist/614cfe0d-6955-4dc9-8cb8-32fbc9255404/sist-en-iec-61784-1-9-2023)

<https://standards.iteh.ai/catalog/standards/sist/614cfe0d-6955-4dc9-8cb8-32fbc9255404/sist-en-iec-61784-1-9-2023>



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61784-1-9:2023 (E)**European foreword**

The text of document 65C/1207/FDIS, future edition 1 of IEC 61784-1-9, prepared by SC 65C "Industrial networks" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61784-1-9:2023.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2024-01-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-04-28

This document, together with other parts of the same series, partially supersedes EN IEC 61784-1:2019 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of the International Standard IEC 61784-1-9:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

- <https://standards.iteh.ai/catalog/standards/sist/en-iec-61784-1-9-2023>
- IEC 60793 (series) NOTE Approved as EN IEC 60793 (series)
- IEC 61158-1 NOTE Approved as EN IEC 61158-1
- IEC 61158-3 (series) NOTE Approved as EN 61158-3 (series)
- IEC 61158-4 (series) NOTE Approved as EN 61158-4 (series)
- IEC 61158-5 (series) NOTE Approved as EN 61158-5 (series)
- IEC 61158-6 (series) NOTE Approved as EN 61158-6 (series)
- IEC 61784-2 (series) NOTE Approved as EN IEC 61784-2 (series)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61158	series	Industrial communication networks - Fieldbus specifications	EN IEC 61158	series
IEC 61158-2	2023	Industrial communication networks - Fieldbus specifications - Part 2: Physical layer specification and service definition	EN IEC 61158-2	2023
IEC 61158-3-20	2014	Industrial communication networks - Fieldbus specifications - Part 3-20: Data- link layer service definition - Type 20 elements	EN 61158-3-20	2014
IEC 61158-4-20	2014	Industrial communication networks - Fieldbus specifications - Part 4-20: Data- link layer protocol specification - Type 20 elements	EN 61158-4-20	2014
IEC 61158-5-20	2014	Industrial communication networks - Fieldbus specifications - Part 5-20: Application layer service definition - Type 20 elements	EN 61158-5-20	2014
IEC 61158-6-20	2014	Industrial communication networks - Fieldbus specifications - Part 6-20: Application layer protocol specification - Type 20 elements	EN 61158-6-20	2014
IEC 61784-1-0	2023	Industrial networks - Profiles - Part 1-0: Fieldbus profiles - General concepts and terminology	EN IEC 61784-1-0	2023
IEC 62591	2016	Industrial networks - Wireless communication network and communication profiles - WirelessHART™	EN 62591	2016

