

SLOVENSKI STANDARD**SIST EN 62591:2010****01-september-2010**

Industrijska komunikacijska omrežja - Brezžično komunikacijsko omrežje in komunikacijski profili - Brezžični HART (IEC 62591:2010)

Industrial communication networks - Wireless communication network and communication profiles - WirelessHART (IEC 62591:2010)

Industrielle Kommunikationsnetze - Kommunikationsnetze und Kommunikationsprofile - WirelessHART (IEC 62591:2010)

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Réseaux de communication industrielles - Réseaux de communications sans fil et profils de communication - WirelessHART (CEI 62591:2010)

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**EUROPEAN STANDARD
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June 2010

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**Industrial communication networks -
Wireless communication network and communication profiles -
WirelessHART™
(IEC 62591:2010)**

Réseaux de communication industrielles -
Réseaux de communications sans fil
et profils de communication -
WirelessHART™
(CEI 62591:2010)

Industrielle Kommunikationsnetze -
Kommunikationsnetze
und Kommunikationsprofile -
WirelessHART™
(IEC 62591:2010)

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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 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 Central Secretariat has the same status as the official versions.

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CENELEC

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

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Foreword

The text of document 65C/587/FDIS, future edition 1 of IEC 62591, 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 was approved by CENELEC as EN 62591 on 2010-06-01.

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The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2011-03-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2013-06-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62591:2010 was approved by CENELEC as a European Standard without any modification.

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61158-6-9 NOTE Harmonized as EN 61158-6-9:2010
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Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60559	-	Binary floating-point arithmetic for microprocessor systems	HD 592 S1	-
IEC/TR 61158-1	201X ¹⁾	Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series	CLC/TR 61158-1	201X ²⁾
IEC 61158-5-20	2007	Industrial communication networks - Fieldbus specifications - Part 5-20: Application layer service definition - Type 20 elements	EN 61158-5-20	2008
IEC 61158-6-20	2007	Industrial communication networks - Fieldbus specifications - Part 6-20: Application layer protocol specification - Type 20 elements	EN 61158-6-20	2008
IEC 61784-1	201X ¹⁾	Industrial communication networks - Profiles - Part 1: Fieldbus profiles	EN 61784-1	201X ³⁾
IEC 61784-2	201X ¹⁾	Industrial communication networks - Profiles - Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3	EN 61784-2	201X ³⁾
ISO/IEC 7498-1	-	Information technology - Open Systems Interconnection - Basic Reference Model: The Basic Model	-	-
ISO/IEC 8824	-	Information technology - Open Systems Interconnection - Specification of Abstract Syntax Notation One (ASN.1)	-	-
ISO/IEC 8859-1	-	Information technology - 8-bit single-byte coded graphic character sets - Part 1: Latin alphabet No.1	-	-
ISO/IEC 9545	-	Information technology - Open Systems Interconnection - Application Layer structure	-	-
ISO/IEC 10731	-	Information technology - Open Systems Interconnection - Basic reference model - Conventions for the definition of OSI services	-	-

¹⁾ To be published.

²⁾ To be ratified.

³⁾ At draft stage.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEEE 802	2001	IEEE standard for local and metropolitan area - networks: overview and architecture	-	-
IEEE 802.15.4	2006	IEEE Standard for Information technology- Telecommunications and information exchange between systems- Local and metropolitan area networks- Specific requirements Part 15.4: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low-Rate Wireless Personal Area Networks (WPANs)	-	-

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