



# SLOVENSKI STANDARD

## SIST EN 62591:2017

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Nadomešča:  
SIST EN 62591:2010

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### Industrijska komunikacijska omrežja - Brezžično komunikacijsko omrežje in komunikacijski profili - Brezžični HART (IEC 62591:2016)

Industrial communication networks - Wireless communication network and communication profiles - WirelessHART (IEC 62591:2016)

Industrielle Kommunikationsnetze - Drahtlose Kommunikationsnetze und Kommunikationsprofile - WirelessHART(tm) (IEC 62591:2016)

Réseaux industriels de communication - Réseau de communications sans fil et profils de communication - WirelessHART (IEC 62591:2016)

Ta slovenski standard je istoveten z: EN 62591:2016

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#### **ICS:**

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.240.50	Uporabniške rešitve IT v industriji	IT applications in industry

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EUROPEAN STANDARD

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NORME EUROPÉENNE

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Industrial communication networks - Wireless communication  
network and communication profiles - WirelessHART(tm)  
(IEC 62591:2016)

Réseaux de communication industriels - Réseau de  
communications sans fil et profils de communication -  
WirelessHART(tm)  
(IEC 62591:2016)

Industrielle Kommunikationsnetze - Drahtlose  
Kommunikationsnetze und Kommunikationsprofile -  
WirelessHART(tm)  
(IEC 62591:2016)

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[SIST EN 62591:2017](#)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

**EN 62591:2016****European foreword**

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-09-16

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

<u>SIST EN 62591:2017</u>	
IEC 61158-6-9:2014	NOTE Harmonized as EN 61158-6-9:2014.
IEC 62657-2:2013	NOTE Harmonized as EN 62657-2:2013.
IEC 62657-2:2013	NOTE Harmonized as EN 62657-2:2013.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61158-1	2014	Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series	EN 61158-1	2014
IEC 61158-2	-	Industrial communication networks - Fieldbus specifications - Part 2: Physical layer specification and service definition	EN 61158-2	-
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	2014	Industrial communication networks - Profiles -- Part 1: Fieldbus profiles	EN 61784-1	2014
IEC 61784-2	-	Industrial communication networks - Profiles - Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3	EN 61784-2	-
ISO/IEC 7498-1	-	Information technology - Open Systems Interconnection - Basic Reference Model: The Basic Model	-	-
ISO/IEC 7498-3	-	Information technology - Open Systems Interconnection - Basic Reference Model: Naming and addressing	-	-
ISO/IEC 8824	series	Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation	-	series
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	-	-

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ISO/IEC 10731	-	Information technology - Open Systems Interconnection - Basic Reference Model - Conventions for the definition of OSI services	-	-
IEEE 802.15.4e	2012	IEEE Standard for Local and metropolitan area networks--Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANS) Amendment 1: MAC sublayer	-	-
IEEE Std 802-2001	2002	IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture	-	-
IEEE std 802.15.4-2011	2011	IEEE Standard for Local and metropolitan area networks--Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANS)	-	-
ISO/IEC/IEEE 60559	-	Information technology - Microprocessor Systems - Floating-Point arithmetic	-	-

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Edition 2.0 2016-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



**Industrial networks – Wireless communication network and communication profiles – WirelessHART™**  
(standards.iteh.ai)

**Réseaux industriels – Réseau de communications sans fil et profils de communication – WirelessHART™**

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