SLOVENSKI STANDARD
SIST EN IEC 61139-2:2022

01-december-2022

Industrijska omrežja - Enožični digitalni komunikacijski vmesnik - 2. del: Funkcijsko varni podaljški (IEC 61139-2:2022)

Industrial networks - Single-drop digital communication interface - Part 2: Functional safety extensions (IEC 61139-2:2022)

Industrielle Netzwerke - Digitale Single-Drop-Kommunikationsschnittstelle - Teil 2: Erweiterungen für die funktionale Sicherheit (IEC 61139-2:2022)

Réseaux industriels - Interface de communication numérique point à point - Partie 2: Extensions de sécurité fonctionnelle (IEC 61139-2:2022)

Ta slovenski standard je istoveten z: **EN IEC 61139-2:2022**

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.110	Omreževanje	Networking

SIST EN IEC 61139-2:2022 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61139-2

September 2022

ICS 25.040

English Version

Industrial networks - Single-drop digital communication interface - Part 2: Functional safety extensions (IEC 61139-2:2022)

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CENELEC

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

European foreword

The text of document 65C/1168/FDIS, future edition 1 of IEC 61139-2, 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 61139-2:2022.

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) 2023-06-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-09-23

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Endorsement notice

The text of the International Standard IEC 61139-2:2022 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 standards indicated:

IEC 61784-3 (series)	NOTE Harmonized as EN IEC 61784-3 (series)
IEC 60947-5-2	NOTE Harmonized as EN IEC 60947-5-2
IEC 62769 (series)	NOTE Harmonized as EN IEC 62769 (series)
IEC 60947-5-6	NOTE Harmonized as EN 60947-5-6
IEC 62453 (series)	NOTE Harmonized as EN 62453 (series)
IEC 60947-5-3	NOTE Harmonized as EN 60947-5-3
IEC 61076-2-113	NOTE Harmonized as EN 61076-2-113
IEC 61508-4:2010	NOTE Harmonized as EN 61508-4:2010 (not modified)

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.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60204-1	-	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	EN 60204-1	-
IEC 61010-2-201	-	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-201: Particular requirements for control equipment	EN IEC 61010-2-201	-
IEC 61131-2	-	Industrial-process measurement and control - Programmable controllers - Part 2: Equipment requirements and tests	-	-
IEC 61131-9	2022	Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI)	EN IEC 61131-9	2022
IEC 61496-1	-	Safety of machinery - Electro-sensitive protective equipment - Part 1: General requirements and tests	EN IEC 61496-1	-
IEC 61508-3	-	Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 3: Software requirements	EN 61508-3	-
IEC 61784-3	2021	Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses - General rules and profile definitions	EN IEC 61784-3	2021
IEC 62061	-	Safety of machinery - Functional safety of safety-related control systems	EN IEC 62061	-
IEC 62443	series	Security for industrial automation and control systems	EN IEC 62443	series
ISO 639-2	-	Codes for the representation of names of languages - Part-2: Alpha-3 code	-	-
ISO 639-3	-	Codes for the representation of names of languages - Part 3: Alpha-3 code for comprehensive coverage of languages	-	-

ISO 13849-1	-	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design	EN ISO 13849-1	-

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