

SLOVENSKI STANDARD

SIST EN ISO 11073-10101:2021

01-februar-2021

Nadomešča:

SIST EN ISO 11073-10101:2005

SIST EN ISO 11073-10101:2005/A1:2018

Zdravstvena informatika - Interoperabilnost naprav - 10101. del: Komunikacija medicinskih naprav na mestu oskrbe - Nomenklatura (ISO/IEEE 11073-10101:2020)

Health informatics - Device interoperability - Part 10101:Point-of-care medical device communication - Nomenclature (ISO/IEEE 11073-10101:2020)

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Medizinische Informatik - Kommunikation patientennaher medizinischer Geräte - Teil 10101: Nomenklatur (ISO/IEEE 11073-10101:2020)

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Informatique de santé - Interopérabilité des dispositifs - Partie 10101: Communication entre dispositifs médicaux sur le site des soins - Nomenclature (ISO/IEEE 11073-10101:2020)

Ta slovenski standard je istoveten z: EN ISO 11073-10101:2020

ICS:

01.040.35	Informacijska tehnologija. (Slovarji)	Information technology (Vocabularies)
35.240.80	Uporabniške rešitve IT v zdravstveni tehniki	IT applications in health care technology

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en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 11073-10101

September 2020

ICS 01.040.35; 35.240.80

Supersedes EN ISO 11073-10101:2005

English Version

**Health informatics - Device interoperability - Part 10101:
Point-of-care medical device communication -
Nomenclature (ISO/IEEE 11073-10101:2020)**

Informatique de santé - Interopérabilité des dispositifs
- Partie 10101: Communication entre dispositifs
médicaux sur le site des soins - Nomenclature
(ISO/IEEE 11073-10101:2020)

Medizinische Informatik - Kommunikation
patientennaher medizinischer Geräte - Teil 10101:
Nomenklatur (ISO/IEEE 11073-10101:2020)

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European foreword

This document (EN ISO 11073-10101:2020) has been prepared by Technical Committee ISO/TC 215 "Health informatics" in collaboration with Technical Committee CEN/TC 251 "Health informatics" the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2021, and conflicting national standards shall be withdrawn at the latest by March 2021.

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INTERNATIONAL STANDARD

ISO/IEEE 11073-10101

Second edition
2020-08

Health informatics — Device interoperability — Part 10101: Point-of-care medical device communication — Nomenclature

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*Informatique de santé — Interopérabilité des dispositifs —
Partie 10101: Communication entre dispositifs médicaux sur le site
des soins — Nomenclature*

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ISO/IEEE 11073-10101 was prepared by the IEEE 11073 Standards Committee of the IEEE Engineering in Medicine and Biology Society (as IEEE Std 11073-10101-2019) and drafted in accordance with its editorial rules. It was adopted, under the "fast-track procedure" defined in the Partner Standards Development Organization cooperation agreement between ISO and IEEE, by Technical Committee ISO/TC 215, *Health informatics*.

This second edition cancels and replaces the first edition (ISO/IEEE 11073-10101:2004), which has been technically revised. It also incorporates the Amendment ISO/IEEE 11073-10101:2004/Amd 1:2017.

A list of all parts in the ISO/IEEE 11073 series can be found on the ISO website.

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IEEE Std 11073-10101™-2019

(Revision of
ISO/IEEE 11073-10101:2004)

Health informatics—Point-of-care medical device communication

Part 10101: Nomenclature

Developed by the

IEEE 11073™ Standards Committee

of the

IEEE Engineering in Medicine and Biology Society

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Approved 13 June 2019

IEEE SA Standards Board

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ISO/IEEE 11073-10101:2020(E)

Abstract: Within the context of the ISO/IEEE 11073 family of standards for point-of-care (POC) and personal health devices (PHD) medical device communication (MDC), this standard provides the nomenclature that supports both the domain information model and service model components of the standards family, as well as the semantic content exchanged with medical devices. The nomenclature is specialized for patient vital signs information representation and medical device informatics, with major areas including concepts for electrocardiograph (ECG), haemodynamics, respiration, blood gas, urine, fluid-related metrics, and neurology, as well as specialized units of measurement, general device events, alarms, and body sites. The standard defines both the architecture and major components of the nomenclature, along with extensive definitions for each conceptual area.

Keywords: codes, IEEE 11073-10101™, IHE PCD-01, independent living, information model, medical device communication, nomenclature, ontology, patient, personal health devices, PHD, POC, point-of-care, semantics, service model, terminology

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