



SLOVENSKI STANDARD
SIST EN ISO/IEEE 11073-10419:2023

01-november-2023

Nadomešča:

SIST EN ISO 11073-10419:2016

**Zdravstvena informatika - Komunikacija osebnih medicinskih naprav - 10419. del:
Specialne naprave - Inzulinska črpalka (ISO/IEEE 11073-10419:2019)**

Health informatics - Personal health device communication - Part 10419: Device
specialization - Insulin pump (ISO/IEEE 11073-10419:2019)

Medizinische Informatik - Kommunikation von Geräten für die persönliche Gesundheit -
Teil 10419: Gerätespezifikation - Insulinpumpe (ISO/IEEE 11073-10419:2019)

Informatique de santé - Communication entre dispositifs de santé personnels - Partie
10419: Spécialisation des dispositifs - Pompe à insuline (ISO/IEEE 11073-10419:2019)

Ta slovenski standard je istoveten z: EN ISO/IEEE 11073-10419:2023

ICS:

11.040.55	Diagnostična oprema	Diagnostic equipment
35.240.80	Uporabniške rešitve IT v zdravstveni tehniki	IT applications in health care technology

SIST EN ISO/IEEE 11073-10419:2023 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

**EN ISO/IEEE 11073-
10419**

August 2023

ICS 35.240.80

Supersedes EN ISO 11073-10419:2016

English Version

**Health informatics - Personal health device
communication - Part 10419: Device specialization -
Insulin pump (ISO/IEEE 11073-10419:2019)**

Informatique de santé - Communication entre
dispositifs de santé personnels - Partie 10419:
Spécialisation des dispositifs - Pompe à insuline
(ISO/IEEE 11073-10419:2019)

Medizinische Informatik - Kommunikation von Geräten
für die persönliche Gesundheit - Teil 10419:
Gerätespezifikation - Insulinpumpe (ISO/IEEE 11073-
10419:2019)

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European foreword

The text of ISO/IEEE 11073-10419:2019 has been prepared by Technical Committee ISO/TC 215 "Health informatics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO/IEEE 11073-10419:2023 by Technical Committee CEN/TC 251 "Health informatics" the secretariat of which is held by NEN.

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INTERNATIONAL
STANDARD

ISO/IEEE
11073-10419

Second edition
2019-03

**Health informatics — Personal health
device communication —**

**Part 10419:
Device specialization — Insulin pump**

*Informatique de santé — Communication entre dispositifs de santé
personnels —*

Partie 10419: Spécialisation des dispositifs — Pompe à insuline

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ISO/IEEE 11073-10419 was prepared by the IEEE 11073 Standards Committee of the IEEE Engineering in Medicine and Biology Society (as IEEE Std 11073-10419-2017) 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 11073-10419:2016), which has been technically revised.

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

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ISO/IEEE 11073-10419:2019(E)

Abstract: Within the context of the ISO/IEEE 11073 family of standards for device communication, a normative definition of communication between personal telehealth insulin pump devices and compute engines (e.g., cell phones, personal computers, personal health appliances, set top boxes), in a manner that enables plug-and-play interoperability, is established in this standard. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. The standard defines a common core of communication functionality for personal telehealth insulin pump devices.

Keywords: IEEE 11073-10419™, insulin pump, medical device communication, personal health devices

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