

SLOVENSKI STANDARD
oSIST prEN ISO 11073-10425:2018
01-november-2018

**Zdravstvena informatika - Komunikacija osebnih medicinskih naprav - 10425. del:
Specialne naprave - Stalno spremljanje ravni glukoze (ISO/IEEE/FDIS 11073-
10425:2018)**

Health informatics - Personal health device communication - Part 10425: Device
specialization - Continuous glucose monitor (CGM) (ISO/IEEE/FDIS 11073-10425:2018)

Medizinische Informatik - Kommunikation von Geräten für die persönliche Gesundheit -
Teil 10425: Gerätespezifikation - Kontinuierlicher Glukose-Monitor (ISO/IEEE/FDIS
11073-10425:2018)

Informatique de santé - Communication entre dispositifs de santé personnels - Partie
10425: Spécialisation du dispositif - Glucomètre continu (CGM) (ISO/IEEE/FDIS 11073-
10425:2018)

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Ta slovenski standard je istoveten z: prEN ISO 11073-10425

ICS:

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

oSIST prEN ISO 11073-10425:2018 **en,fr,de**

FINAL
DRAFT

INTERNATIONAL ISO/IEEE/ STANDARD FDIS 11073-10425

ISO/TC 215

Secretariat: ANSI

Voting begins on:
2018-09-03

Voting terminates on:
2019-01-21

Health informatics — Personal health device communication —

Part 10425:

Device specialization — Continuous glucose monitor (CGM)

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

Partie 10425: Spécialisation du dispositif — Glucomètre continu (CGM)

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ISO/IEEE FDIS 11073-10425:2018(E)

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This second edition cancels and replaces the first edition (ISO/IEEE 11073-10425:2016), which has been technically revised.

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IEEE Std 11073-10425™-2017
(Revision of IEEE Std 11073-10425-2014)

Health informatics—Personal health device communication

Part 10425: Device Specialization— Continuous Glucose Monitor (CGM)

Sponsor

IEEE 11073™ Standards Committee
of the
IEEE Engineering in Medicine and Biology Society

Approved 28 September 2017

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ISO/IEEE 11073-10425:2018(E)

Abstract: Within the context of the ISO/IEEE 11073 family of standards for device communication, a normative definition of the communication between continuous glucose monitor (CGM) devices and managers (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 and information models. It specifies the use of specific term codes, formats, and behaviors in telehealth environments, restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of communication functionality of CGM devices. In this context, CGM refers to the measurement of the level of glucose in the body on a regular (typically 5 minute) basis through a sensor continuously attached to the person.

Keywords: continuous glucose monitor, IEEE 11073-10425™, medical device communication, personal health devices

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PDF: ISBN 978-1-5044-4293-0 STD22759
Print: ISBN 978-1-5044-4294-7 STDPD22759

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