

E DIN EN ISO/IEEE 11073-10415:2022-08 (E)

Erscheinungsdatum: 2022-07-01

Health informatics - Device interoperability - Part 10415: Personal health device communication - Device specialization - Weighing scale (ISO/IEEE FDIS 11073-10415:2022); English version prEN ISO 11073-10415:2022

Contents

1. Overview	12
1.1 Scope	12
1.2 Purpose	12
1.3 Context	12
1.4 Word usage	13
2. Normative references.....	13
3. Definitions, acronyms, and abbreviations	14
3.1 Definitions	14
3.2 Acronyms and abbreviations	14
4. Introduction to ISO/IEEE 11073 personal health devices	15
4.1 General	15
4.2 Introduction to IEEE 11073-20601 modeling constructs	15
4.3 Compliance with other standards.....	16
5. Weighing scale device concepts and modalities.....	16
5.1 General	16
5.2 Body weight.....	16
5.3 Body height	17
5.4 Body mass index.....	17
6. Weighing scale domain information model.....	17
6.1 Overview	17
6.2 Class extensions.....	17
6.3 Object instance diagram	17
6.4 Types of configuration.....	19
6.5 Medical device system object.....	20
6.6 Numeric objects.....	23
6.7 Real-time sample array objects.....	28
6.8 Enumeration objects	28
6.9 PM-store objects.....	28
6.10 Scanner objects.....	28
6.11 Class extension objects.....	28
6.12 Weighing scale information model extensibility rules	28
7. Weighing scale service model	29
7.1 General	29
7.2 Object access services.....	29
7.3 Object access event report services	31
8. Weighing scale communication model.....	31
8.1 Overview	31
8.2 Communications characteristics	31

1. Overview	12
1.1 Scope	12
1.2 Purpose	12
1.3 Context	12
1.4 Word usage.....	13
2. Normative references.....	13
3. Definitions, acronyms, and abbreviations	14
3.1 Definitions	14
3.2 Acronyms and abbreviations	14
4. Introduction to ISO/IEEE 11073 personal health devices	15
4.1 General	15
4.2 Introduction to IEEE 11073-20601 modeling constructs	15
4.3 Compliance with other standards.....	16
5. Weighing scale device concepts and modalities.....	16
5.1 General	16
5.2 Body weight.....	16
5.3 Body height	17
5.4 Body mass index.....	17
6. Weighing scale domain information model.....	17
6.1 Overview	17
6.2 Class extensions.....	17
6.3 Object instance diagram	17
6.4 Types of configuration.....	19
6.5 Medical device system object.....	20
6.6 Numeric objects.....	23
6.7 Real-time sample array objects.....	28
6.8 Enumeration objects	28
6.9 PM-store objects.....	28
6.10 Scanner objects.....	28
6.11 Class extension objects.....	28
6.12 Weighing scale information model extensibility rules	28
7. Weighing scale service model.....	29
7.1 General	29
7.2 Object access services.....	29
7.3 Object access event report services	31
8. Weighing scale communication model.....	31
8.1 Overview	31
8.2 Communications characteristics	31