ISO/TS 7344:2024-03 (E)

Short-range wireless sensor to device communication

Contents

Page

Foreword ..... **iv**

Introduction ..... **v**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Abbreviated terms **2**

5 General information **2**

5.1 General requirements 2

5.1.1 Unlicensed frequency spectrum definition 3

5.1.2 Wireless sensor network architecture 3

5.2 Definition of the sensor to device communication 3

5.2.1 Possible types of interaction between sensor and device based on installation location 4

5.2.2 Sensor to device pairing 6

5.2.3 Firmware updates 6

5.2.4 Periodicity of the sending interval and latency of reporting 6

5.2.5 Periodic and event-based communication 7

6 Sensor to device communication **8**

6.1 Requirements of non-proprietary sensor to device communication 8

6.2 Definition of standardized sensor to device communication 8

7 Safety and regulatory considerations **8**

Bibliography **9**