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