

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