



Basic features

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|----------------------------|---|
| Antenna type | Dipole |
| Approval/Conformity | CE WEEE |
| EN 55022 | Size 1, Cl. B |
| Standards | EPCglobal™ Class 1, Gen 2 ISO 18000-6C |

Electrical data

| | |
|----------------------------------|-------------------------------------|
| Data retention time/years | ≥ 10 |
| EN 61000-4-2/3/4/5/6 | Severity. Level 4B / 3A / - / - / - |
| Polarization | linear |
| Preferred application | 865...868 MHz |
| Programming cycles | up to 25 °C: 100,000 |
| Read cycles | Unlimited |
| Working frequency | 860...960 MHz |

Environmental conditions

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|--------------------------------|-------------|
| Ambient temperature | -40...85 °C |
| Continuous shock load | yes |
| EN 60068-2-27, Shock | yes |
| EN 60068-2-32 Free fall | yes |
| EN 60068-2-6, Vibration | yes |
| Protection degree | IP67 |
| Storage temperature | -40...85 °C |

Functional Characteristics

| | |
|-------------------------------|--------|
| EPC memory, read/write | 96 Bit |
| Memory type | EEPROM |
| TID memory, read-only | 48 Bit |
| User data, read/write | 0 Bit |

Material

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|-------------------------|------|
| Housing material | PVDF |
|-------------------------|------|

Mechanical data

| | |
|---------------------|-------------------------|
| Dimension | 29.3 x 19.2 x 66.2 mm |
| Installation | metal-free (clear zone) |

Remarks

For installation in metal: Observe clear zone.
 Observe clear zone when attaching to metal surfaces!
 Torsional, bending and impact loading is not permitted.
 Values are under rated conditions unless otherwise specified.