



1) Sensing surface



Basic features

| | |
|---------------------|---------------|
| Antenna type | round |
| Approval/Conformity | CE WEEE |
| EN 55011 | Size 1, Cl. A |
| EN 55022 | Size 1, Cl. B |

Electrical data

| | |
|---------------------------|---------------------|
| Data retention time/years | Unlimited |
| Read cycles | Unlimited |
| Read time | for 40 bits: 0.235s |

Environmental conditions

| | |
|-------------------------|-------------|
| Ambient temperature | -30...70 °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 | -30...85 °C |

Material

| | |
|------------------|-----------------------------|
| Housing material | PEEK, GF30, With EP potting |
|------------------|-----------------------------|

Mechanical data

| | |
|--------------------|---|
| Application weight | 0.50 g |
| Dimension | Ø 10.2 x 4.5 mm |
| Installation | metal-free (clear zone) on metal flush in metal |

Remarks

For installation requirements see corresponding read/write head.
 Values are under rated conditions unless otherwise specified.
 Only when used together with the appropriate read/write head.
 Impact loading not permitted.
 Time specification includes data check.