



1) Sensing surface 2) Tightening torque 3) see R/W head table



Electrical data

Data retention time/years	≥ 50
EN 61000-4-2/3/4/5/6	Severity. Level 4B / 3A / - / - / -
Memory capacity	240 Bit EPC
Memory size, read	64 Bit TID
Operating frequency	860...960 MHz
Polarization	linear
Preferred application	860...960 MHz
Programming cycles	up to 55 °C: 100.000
Read cycles	Unlimited

Environmental conditions

Ambient temperature	-40...85 °C
EN 60068-2-27, Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-6, Vibration	yes
Protection type IEC 60529	IP68
Storage temperature	-40...220 °C

Functional safety

EN 60068-2-32 Free fall	yes
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General data

Approval/Conformity	CE
EN 55022	Size 1, Cl. B
Standards	EPCglobal™ Class 1, Gen 2 ISO 18000-6C
User data	512 Bit

Material

Housing material	PPS
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Mechanical data

Application weight	27.00 g
Dimension	51.5 x 6.4 x 51.5 mm

Remarks

Values are under rated conditions unless otherwise specified.
 Only when used together with the appropriate read/write head.
 For installation requirements see corresponding read/write head.
 Time specification includes data check.
 For installation in metal: Observe clear zone.
 Storage temperature 1000 h or 1500 cycles à 30 min.