



1) Sensing surface



Basic features

Antenna type	round
Approval/Conformity	CE UKCA WEEE
EN 55011	Size 1, Cl. A
EN 55022	Size 1, Cl. B
Principle of operation	Data carrier

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
IP rating	IP67
Storage temperature	-30...85 °C

Material

Housing material	PEEK, GF30, With EP potting
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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.