



1) Sensing surface



Basic features

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

Electrical data

Data retention time/years	≥ 10
Memory organization	64 × 8 bits
Programming cycles	Unlimited
Programming time	for 64x8 bits: 1.1s for 1x8 bits: 0.45s
Read cycles	Unlimited
Read time	for 64x8 bits: 0.33 s

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	IP68
Storage temperature	-30...85 °C

Functional Characteristics

Memory type	EEPROM
User data, read/write	8192 Byte

Material

Housing material	PBT
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Mechanical data

Application weight	28.00 g
Dimension	32 x 11 x 52 mm
Installation	metal-free (clear zone) on metal flush in metal

LF (70/455 kHz)
BIS C-108-32/L
Order Code: BIS000K

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Remarks

Time specification includes data check.
For installation requirements see corresponding read/write head.
Values are under rated conditions unless otherwise specified.
Only together with converter BIS C-901 or BIS C-6xx and the appropriate read/write head.
IP68 tested according to BWN Pr 36