



1) Sensing surface, 2) Clear zone, 3) Read/write axis



Basic features

Antenna type	Rod
Approval/Conformity	CE cULus WEEE
EN 55011	Size 1, Cl. A

Electrical data

Memory organization	64 × 8 bits
Programming cycles	up to 30 °C: 1,000,000 up to 70 °C: 500,000
Programming time	for 1x8 bits: 0.45s for 64x8 bits: 1.1s
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
Protection degree	IP68
Storage temperature	-30...85 °C

Functional Characteristics

Memory type	EEPROM
User data, read/write	2047 Byte

Functional safety

MTTF (40 °C)	740 a
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Material

Housing material	POM
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Mechanical data

Application weight	75.00 g
Dimension	40 x 22 x 80 mm
Installation	metal-free (clear zone)

LF (70/455 kHz)
BIS C-150-11/A
Order Code: **BIS002A**

BALLUFF

Remarks

For installation in metal: Observe clear zone.
Only together with converter BIS C-901 or BIS C-6xx and the appropriate read/write head.
On the last page only 63x8 bits are usable.
Values are under rated conditions unless otherwise specified.
IP68 tested according to BWN Pr 36
For installation requirements see corresponding read/write head.
Time specification includes data check.
For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.