



1) Sensing surface, 2) Clear zone, 3) Tightening torque max. 2.5 Nm



Basic features

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

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
IP rating	IP68
Storage temperature	-30...85 °C
Storage temperature temporary	120 °C 1x700 h

Functional Characteristics

Memory type	EEPROM
User data, read/write	2047 Byte

Material

Housing material	Epoxy-resin/fiberglass
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Mechanical data

Application weight	6.00 g
Dimension	Ø 26 x 6 mm
Installation	metal-free (clear zone) on metal flush in metal

LF (70/455 kHz)
BIS C-128-11/L
Order Code: BIS001C

BALLUFF

Remarks

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