



1) Sensing surface, 2) Read/write axis, 3) Clear zone, 4) Clear zone surrounding



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	32 x 8 bits
Programming cycles	up to 70 °C: 500,000 up to 30 °C: 1,000,000
Programming time	for 1x8 bits: 0.3s for 32x8 bits: 0.6s
Read cycles	Unlimited
Read time	for 32x8 bits: 0.19 s

Environmental conditions

Ambient temperature	0...60 °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	IP65
Storage temperature	-20...60 °C

Functional Characteristics

Memory type	EEPROM
User data, read/write	1023 Byte

Material

Housing material	ABS
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Mechanical data

Application weight	30.00 g
Dimension	53 x 4.8 x 85 mm
Installation	metal-free (clear zone)

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 31x8 bits are usable.
 Values are under rated conditions unless otherwise specified.
 Time specification includes data check.
 For installation requirements see corresponding read/write head.