



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



### Basic features

Antenna type	Rod
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	POM
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### Mechanical data

Application weight	95.00 g
Dimension	40 x 22 x 80 mm
Installation	metal-free (clear zone)

### Remarks

IP68 tested according to BWN Pr 36  
 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.  
 For installation in metal: Observe clear zone.