



1) Sensing surface, 2) Tightening torque



Basic features

Antenna type	round
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	-25...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 per DIN 40050	IP68 IPx9K
Storage temperature	-25...95 °C

Functional Characteristics

Memory type	EEPROM
User data, read/write	2047 Byte

Material

Housing material	Steel, PA 12, GF30, coated
Housing material, surface protection	coated

Mechanical data

Application weight	16.50 g
Dimension	∅ 22 x 21 mm
Installation	metal-free (clear zone) on metal flush in metal

LF (70/455 kHz)
BIS C-140-11/L-M8
Order Code: **BIS00J1**

BALLUFF

Remarks

Lubricate screw before installing.
On the last page only 63x8 bits are usable.
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.
We recommend lightly oiling the data carrier screws and storing in a dry location at room temperature.