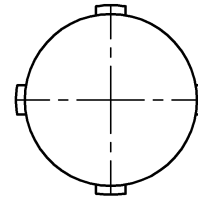
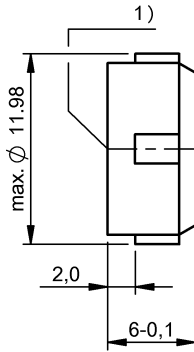


BIS C-105-05/A
BIS0009



1) Sensing surface



Electrical data

Memory capacity	1023 Byte
Memory organization	32 × 8 bits
Programming cycles	up to 30 °C: 1,000,000 up to 70 °C: 500,000
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	-30...70 °C
EN 60068-2-27, Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-6, Vibration	yes
Protection type IEC 60529	IP68
Storage temperature	-30...85 °C
Storage temperature temporary	120 °C

Functional safety

EN 60068-2-32 Free fall	yes
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General data

Antenna type	round
Approval/Conformity	CE UL-FILE E227256, Vol.X1, BIS EN 55011
	Size 1, Cl. A

Material

Housing material	Epoxy-resin/fiberglass
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Mechanical data

Application weight	1.20 g
Dimension	Ø 12 x 6 mm
Installation	for flush mounting (in steel)

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 31x8 bits are usable.
For installation in hole Ø12 H11 (glue)