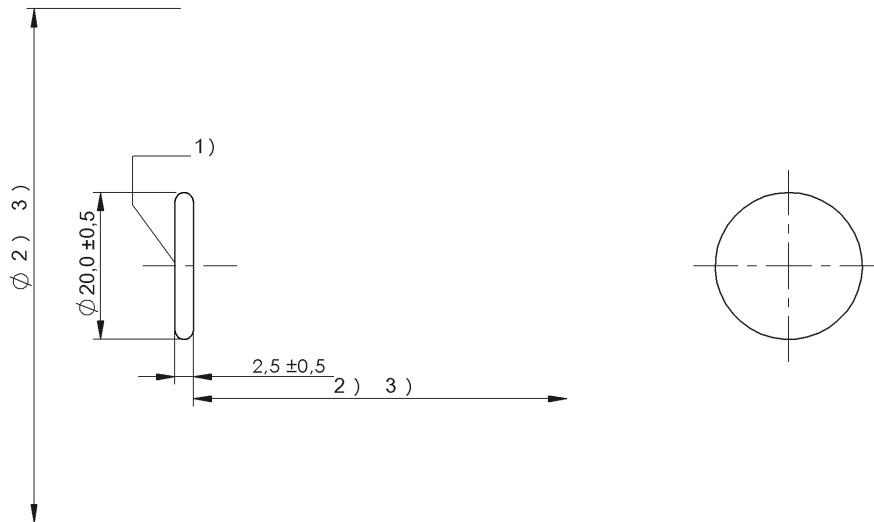


BIS M-110-02/L BIS0044



1) Sensing surface 2) Clear zone 3) see corresponding R/W head



Electrical data

Data retention time/years	≥ 10 at 55 °C
Memory capacity	2000 Byte
Memory organization	250 × 8 bytes
Memory size, read	8 Byte
Programming cycles	10 000 000 000
Programming time	for 16 bytes: 0.060s
Read cycles	Unlimited
Read time	User ID for 8 bytes: 0.02 s for 16 bytes: 0.03 s

Environmental conditions

Ambient temperature	-25...85 °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	-25...85 °C
Temperature shock	-20 °C...+85 °C 50x10 min. with transposition in 30 s

Functional safety

EN 60068-2-32 Free fall	yes
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General data

Antenna type	round
Approval/Conformity	CE
EN 55011	Size 1, Cl. A
EN 55022	Size 1, Cl. B
Food compatibility	Directive 02/72/EC

Material

Housing material	PA, PA 6
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Mechanical data

Application weight	1.30 g
Dimension	Ø 20 x 2.8 mm
Installation	with clear zone (in steel)

Remarks

Values are under rated conditions unless otherwise specified.
Only when used together with the appropriate read/write head.
For installation requirements see corresponding read/write head.
Time specification includes data check.
Torsional, bending and impact loading is not permitted.
For installation in metal: Observe clear zone.
IP68 tested according to BWN Pr 36