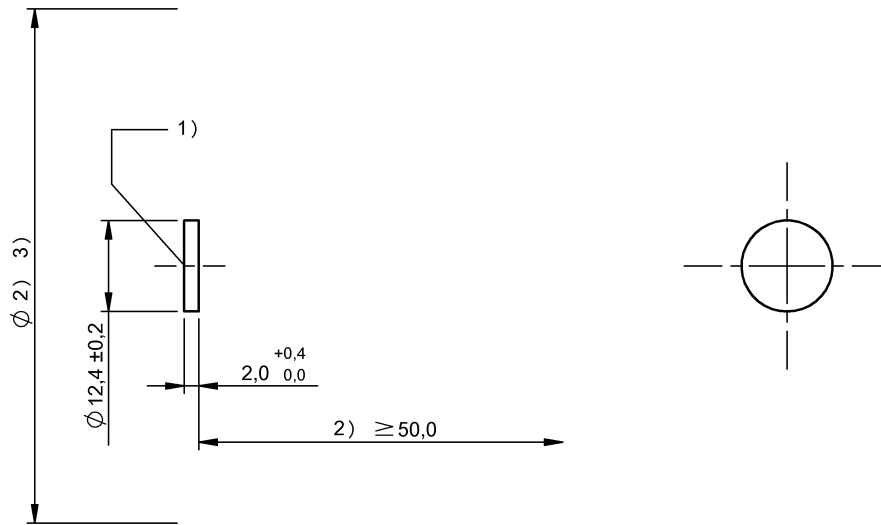


BIS L-103-05/L BIS003E



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



Electrical data

Data retention time/years	≥ 10
Memory capacity	192 Byte
Memory organization	48 × 4 bytes
Memory size, read	4 Byte
Programming cycles	≥ 100 000
Programming time	for 4 bytes: 0.305s
Read cycles	Unlimited
Read time	for 4 bytes: 0.18 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 1 m, 24 h, 20 °C
Storage temperature temporary	-40...130 °C 1x1000 h

Functional safety

EN 60068-2-32 Free fall	yes
-------------------------	-----

General data

Antenna type	round
Approval/Conformity	CE
EN 55011	Size 1, Cl. A
EN 55022	Size 1, Cl. B

Material

Housing material	PPS, EP
------------------	---------

Mechanical data

Application weight	0.80 g
Dimension	Ø 12.4 x 2 mm
Installation	with clear zone (in steel)

Remarks

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