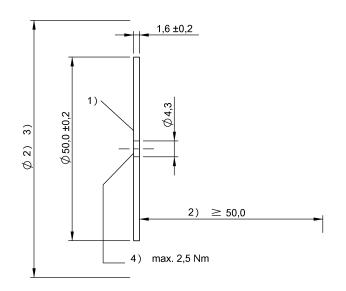
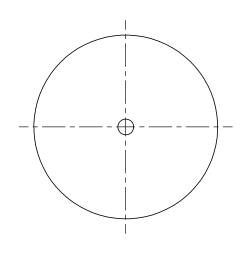
# BIS L-102-05/L-RO

# Ordercode: BIS003C







1) Sensing surface 2) Clear zone 3) see corresponding R/W head 4) Tightening torque

# CE

#### Electrical data

Data retention time/years ≥ 10 Memory organization 48 × 4 bytes Memory size, read 5 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 ves EN 60068-2-27, Shock yes EN 60068-2-6, Vibration yes Protection type IEC 60529 IP67 1 m, 30 min Storage temperature -40...95 °C

# Functional safety

EN 60068-2-32 Free fall ves

### General data

Antenna type round Approval/Conformity CE

EN 55011 Size 1, Cl. A EN 55022 Size 1, Cl. B

#### Material

Housing material Epoxy-resin/fiberglass, GF

### Mechanical data

Application weight 6.50 g Dimension Ø 50 x 1.6 mm Installation with clear zone (in steel)

### Remarks

For installation in metal: Observe clear zone.

a) Hygroscopicity The hygroscopicity of the cured material depends heavily on the ambient temperature. Saturation in water at +20 °C / 6 days = 0.3 % Saturation in water at +70 °C / 3 days = 3.0 %

Torsional, bending and impact loading is not permitted.

Values are under rated conditions unless otherwise specified.

Time specification includes data check.

Data carriers programmed to customer specification. For use only together with read system  $\dot{L}$ -4xx. Marking of the customer and programming data is only on the packaging, not on the data carrier. After delivery the customer is responsible for documenting the programming data himself. For installation requirements see corresponding read/write head. Only when used together with the appropriate read/write head.

Recommended screw: M4, 8.8