

1) Sensing surface, 2) Tightening torque, 3) Clear zone, 4) Data carrier



Basic features

| | |
|-------------------------------|--|
| Antenna type | round |
| Approval/Conformity | CE UKCA FCC Part 15 IC (Radio) cULus WEEE NCC KC MIC |
| Principle of operation | Read/write head |

Display/Operation

| | |
|---------------------------|--|
| Function indicator | Operating, LED yellow flashing CP (Code tag present), LED yellow Power (ON), LED green |
|---------------------------|--|

Electrical connection

| | |
|-------------------|-------------|
| Connection | Male, 4-pin |
|-------------------|-------------|

Environmental conditions

| | |
|--------------------------------|--------------------------|
| Altitude max. | 2000 m |
| Ambient temperature | 0...70 °C |
| Area of operation | Indoor |
| Contamination scale | 2 |
| 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 | IP67 |
| Relative humidity | 0...90 %, non-condensing |
| Storage temperature | -20...85 °C |

Functional Characteristics

| | |
|-------------------------------------|---|
| Supported data carrier types | DIN ISO 15693 DIN ISO 15693 (High Memory) |
|-------------------------------------|---|

Material

| | |
|---|---|
| Housing material | Brass, Nickel-plated brass nuts, nickel-plated |
| Housing material, surface protection | nickel-plated |

HF (13.56 MHz)
BIS VM-348-401-S4
Order Code: **BIS013H**

BALLUFF

Mechanical data

Application weight 30.00 g

Dimension

Ø 12 x 65 mm

Installation

metal-free (clear zone)

Size

M12x1

Remarks

For basic equipment: Accessories see www.balluff.com

Use included nuts for installation.

Values are under rated conditions unless otherwise specified.

For installation in metal: Observe clear zone.

Only together with BIS V-6xxx

This device is intended to be supplied by a UL-listed or CSA-certified power supply unit with "Class 2" or LPS power source.

The devices must be installed permanently.

1. Determine a suitable mounting position.

2. Fasten the device with suitable mounting material.

The device can be cleaned with a slightly damp cloth.

Regularly check the function of the device and all associated components through visual and functional tests.

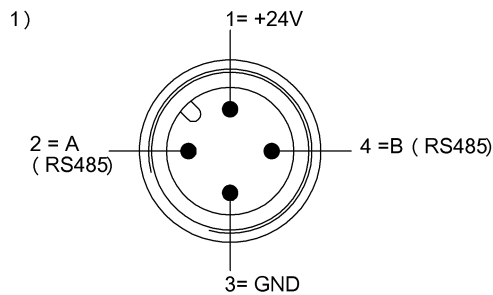
- Shut down the device in the event of malfunctions.

- Secure the system against unauthorized use.

- Check fastening and tighten if necessary.

The product is maintenance-free.

Connector Drawings



1) View towards connector

