

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
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Electrical connection

Connection	Male, 4-pin
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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)
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Material

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

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.

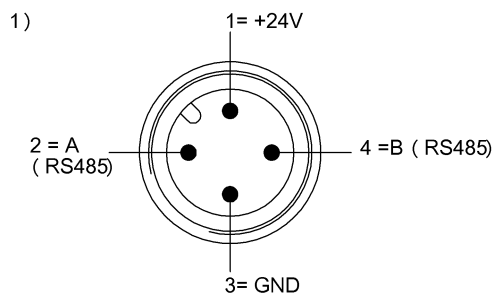
- Shut down the device in the event of malfunctions.

- Secure the system against unauthorized use.

- Check fastening and tighten if necessary.

The product is maintenance-free.

Connector Drawings



1) View towards connector

