



1) Sensing surface, 2) Clear zone, 3) Locking screw, 4) Module unit, 5) Mounting base, 6) Cable length, 7) Power, 8) Tag present, 9) standard length



Basic features

Antenna type	round
Approval/Conformity	CE UKCA cULus WEEE
Principle of operation	Read head

Display/Operation

Overflow	Yellow LED, flashes
Power (ON)	Green LED
Tag Present (TP)	LED yellow

Electrical connection

Cable length L	0.5 m
Connection	(Supply voltage/10 outputs, 2 inputs: BIS L-503-xx)
Connection type	0.50 m, PU

Electrical data

Control input	2 (optocoupler isolated)
Control output	10 PNP
Control voltage active	17...27 V
Control voltage inactive	0...6 V
Current consumption max. at 24 V DC	50 mA
Input current max. at 24 V	3 mA
Operating voltage U_b	19.2...26.4 VDC
Residual ripple max.	included

LF (125 kHz)
BIS L-405-033-004-05-MU
Order Code: BIS00CR

BALLUFF

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, installed
Relative humidity	0...90 %, non-condensing
Storage temperature	-20...85 °C

Interface

Interface	parallel
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Material

Housing material	ABS, Interface PBT
Material jacket	PU

Mechanical data

Application weight	170.00 g
Dimension	25 x 10 x 50 mm
Installation	metal-free (clear zone)

Remarks

Order accessories separately.

Values are under rated conditions unless otherwise specified.

Replacement of the MU (module unit) without disassembling the mounting base with cable

Only together with mounting base BIS L-503-PU1-xx

For basic equipment order mounting base with cable also.

Part number with 5m cable: BIS L-503-PU1-05

For installation in metal: Observe clear zone.

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.

Help Views

BIS L-40x-xxx-004-__

Read Only

	BIS L-200-03/L BIS L-100-05/L-RO	BIS L-201-03/L BIS L-101-05/L-RO	BIS L-203-03/L BIS L-103-05/L-RO		
passende Datenträger Appropriate data carriers	metalfrei non metal	metalfrei non metal	metalfrei non metal		
Schreibabstand in mm Write distance in mm					
Leseabstand in mm Read distance in mm	0-23	0-27	0-16		
Versatz in mm bei Abstand von	±12	±15	±8		
	3	±15	±8		
	7	±15	±8		
	8	±15	±8		
	10	±15	±8		
	12	±15	±4		
	15	±15	±4		
	18	±15			
	20	±15			
	25	±6			
	30				
	35				
	40				
	45				
	50				
	55				
	60				
	70				