

1) Sensing surface, 2) Clear zone, 3) Clear zone surrounding



Basic features

Antenna type	round
Approval/Conformity	CE WEEE

Electrical connection

Connection	RCA
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Electrical data

Antenna gain	-26.3 dBi
Antenna impedance	50 Ohm
EN 300330-1	Power Class 5
Working frequency	13.56 MHz

Environmental conditions

Ambient temperature	-20...50 °C
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-32 Free fall	yes
EN 60068-2-6, Vibration	yes
Protection degree	IP65
Storage temperature	-20...70 °C

Functional Characteristics

Supported data carrier types	DIN ISO 14443 DIN ISO 15693
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Functional safety

MTTF (40 °C)	2010 a
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Material

Housing material	PA
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HF (13.56 MHz)
BIS M-372-000-A01
Order Code: **BIS00WL**

BALLUFF

Mechanical data

Application weight 520.00 g

Dimension

200 x 42.4 x 218 mm

Installation

metal-free (clear zone)

Remarks

Values are under rated conditions unless otherwise specified.

Only together with BIS M-62x or BIS VM-920x.

When using BIS VM-920 (BIS014N) + connection cable (BIS00WJ): Maximum read/write distance reduced by 10%.

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

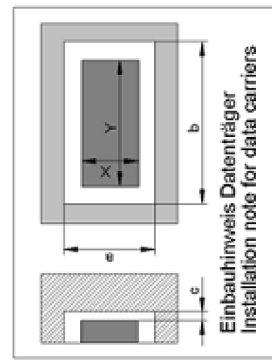
Help Views

BIS M-372-000-A01

passende Datenträger Appropriate data carriers	BIS M-136-03/L				
Freizone Datenträger in mm (a) Data carrier clear zone in mm	>450				
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>530				
Abstand Datenträger zu Metall in mm (c) Data carrier distance to metal in mm	>45				

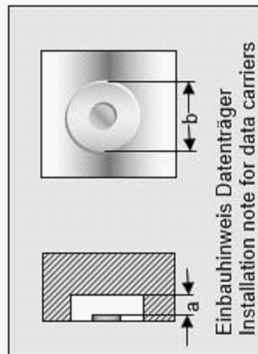
Schreibabstand in mm Write distance in mm	0-350				
Leseabstand in mm Read distance in mm	0-350				

Versatz in mm bei Abstand von Offset in mm at distance					
	0	±100	±100		
	50	±100	±100		
	100	±100	±100		
	115	±100	±100		
	190	±100	±100		
	200	±100	±100		
	250	±100	±100		
	300	±100	±100		
	350	±50	±50		



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	BIS M-108-02/L *	BIS M-108-20/A *	BIS M-110-02/L *	BIS M-111-02/L *	BIS M-112-02/L *
passende Datenträger Appropriate data carriers					
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>45	>45	>45	>45	>45
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>430	>430	>420	>430	>450
Schreibabstand in mm Write distance in mm	0-160	0-150	0-115	0-175	0-235
Leseabstand in mm Read distance in mm	0-160	0-150	0-115	0-175	0-235
Versatz in mm bei Abstand von	0 ±75	±75	±50	±75	±75
	25 ±75	±75	±50	±75	±75
	50 ±75	±75	±50	±75	±75
	80 ±75	±75	±50	±75	±75
	100 ±75	±75	±50	±75	±75
	115 ±75	±75	±30	±75	±75
	135 ±75	±75		±75	±75
	150 ±75	±50		±75	±75
	160 ±50			±75	±75
	175			±50	±75
	200				±75
	235				±50



* nur in Verbindung mit BIS VM-920

