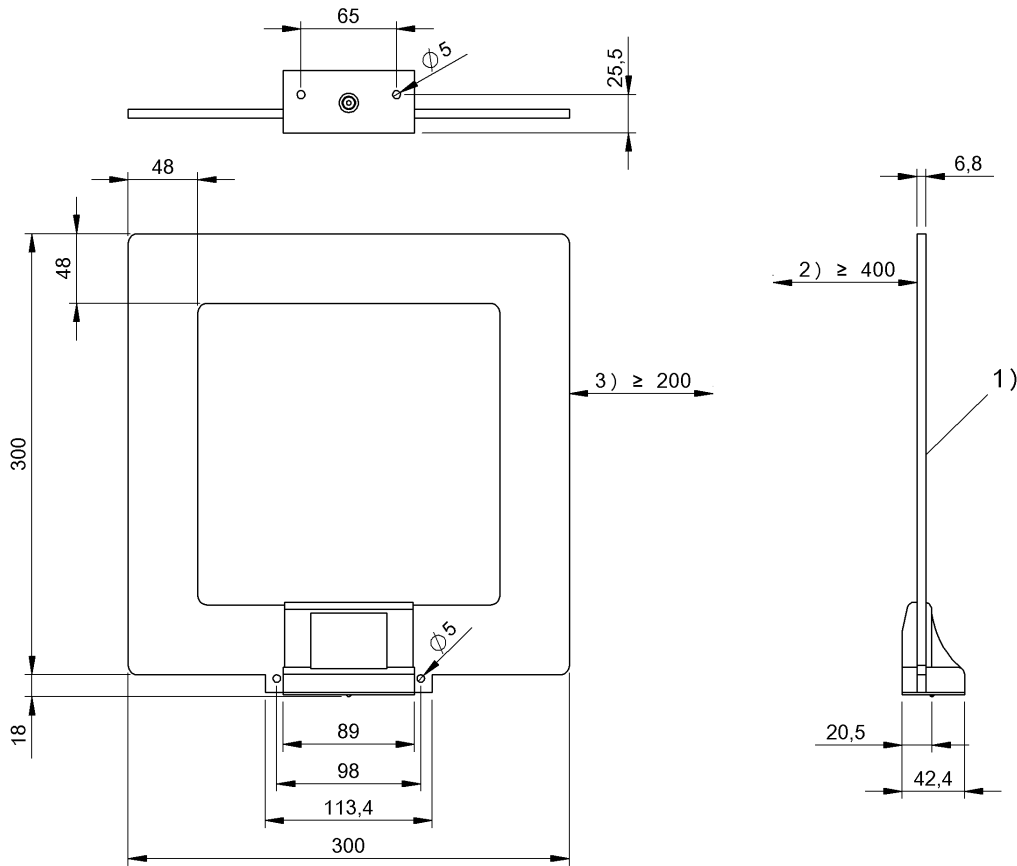


HF (13.56 MHz)
 BIS M-373-000-A01
 Ordercode: BIS00WK



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



Electrical connection

Connection RCA

Electrical data

Antenna gain -22.9 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 safety

MTTF (40 °C) 2212 a

General data

Antenna type Block
 Approval/Conformity CE

Material

Housing material PA

Mechanical data

Application weight 760.00 g
 Dimension 300 x 42.4 x 318 mm
 Installation Observe 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

HF (13.56 MHz)

BIS M-373-000-A01

Ordercode: BIS00WK

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.

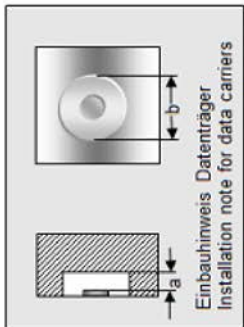
HF (13.56 MHz)

BIS M-373-000-A01

Ordercode: BIS00WK

BIS M-373-000-A01

	BIS M-108-02/L	BIS M-108-20/A	BIS M-112-02/L	
passende Datenträger				
Appropriate data carriers				
Abstand Datenträger zu Metall in mm (a)				
Data carrier distance to metal in mm				
Freizone Datenträger in mm (b)	>50	>50	>50	
Data carrier clear zone in mm	>630	>630	>650	
Schreibabstand in mm	0-185	0-150	0-270	
Write distance in mm				
Leseabstand in mm	0-185	0-150	0-270	
Read distance in mm				
Versatz in mm	0 ±125	0-150 ±125	0-270 ±125	
bei Abstand von	25 ±125	±125	±125	
	50 ±125	±125	±125	
	80 ±125	±125	±125	
	100 ±125	±125	±125	
	105 ±125	±125	±125	
	150 ±125	±125	±125	
	185 ±75	±75	±125	
	200		±125	
	250		±125	
	270		±75	
Offset in mm				
at distance				



Einbauhinweis Datenträger
Installation note for data carriers

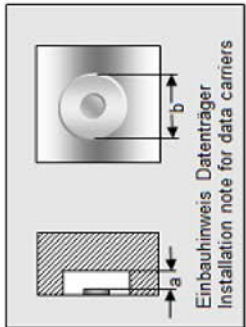
HF (13.56 MHz)

BIS M-373-000-A01

Ordercode: BIS00WK

BIS M-373-000-A01

	BIS M-135-02/L	BIS M-135-03/L	BIS M-135-03/L- HT	BIS M-135-07/L- HT	
passende Datenträger					
Appropriate data carriers					
Abstand Datenträger zu Metall in mm (a)					
Data carrier distance to metal in mm	>45	>45	>45	>45	
Freizone Datenträger in mm (b)					
Data carrier clear zone in mm	>650	>650	>650	>650	
Schreibabstand in mm					
Write distance in mm	0-230	0-340	0-340	0-215	
Leseabstand in mm					
Read distance in mm	0-230	0-340	0-340	0-215	
Versatz in mm	0 ±200	±200	±200	±200	
bei Abstand von	40 ±200	±200	±200	±200	
	100 ±200	±200	±200	±100	
	150 ±200	±200	±200	±100	
	200 ±200	±200	±200	±50	
	215 ±200	±200	±200	±50	
	230 ±100	±200	±200		
	300 ±200	±200	±200		
	340 ±100	±200	±100		
	360 ±100				
Offset in mm					
at distance					



HF (13.56 MHz)

BIS M-373-000-A01

Ordercode: BIS00WK

BIS M-373-000-A01

passende Datenträger Appropriate data carriers	BIS M-136-03/L				
Freizone Datenträger in mm (a) Data carrier clear zone in mm	>650				
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>730				
Abstand Datenträger zu Metall in mm (c) Data carrier distance to metal in mm	>45				
Schreibabstand in mm Write distance in mm	0-370				
Leseabstand in mm Read distance in mm	0-370				
Versatz in mm bei Abstand von	X Y				
	0 ±200 ±200				
	50 ±200 ±200				
	100 ±200 ±200				
	150 ±200 ±200				
	200 ±200 ±200				
	250 ±200 ±200				
	300 ±200 ±200				
	350 ±50 ±50				
	370 ±50 ±50				
Offset in mm at distance					

