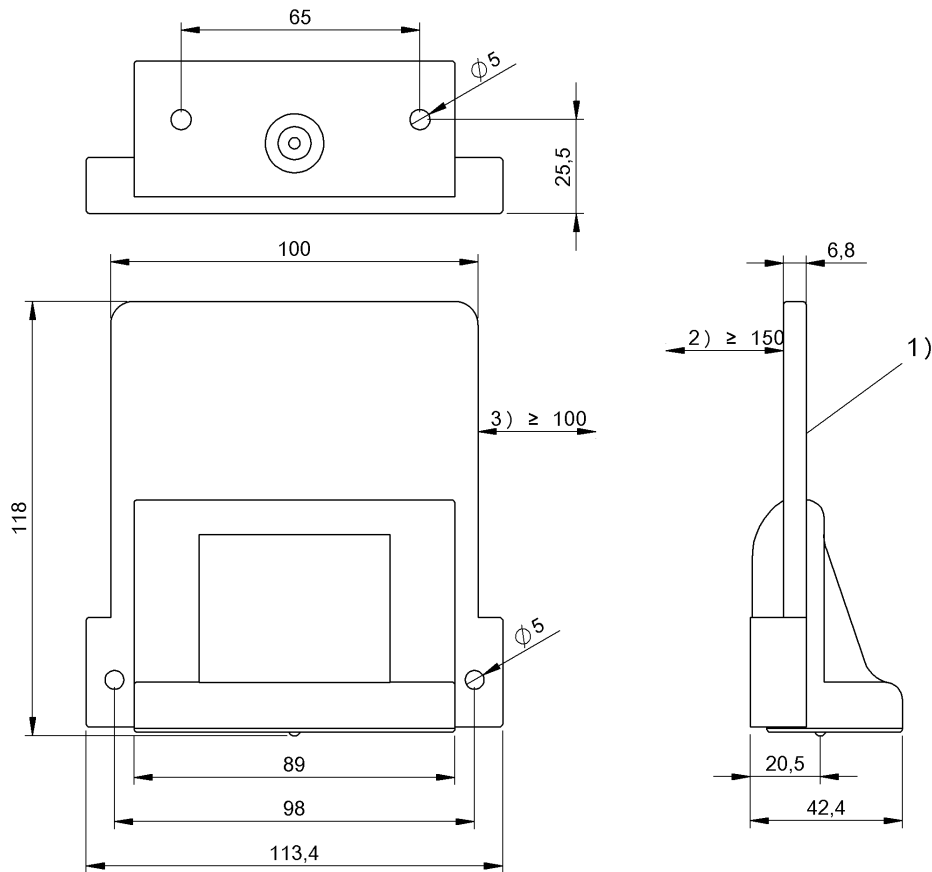




1) Sensing surface, 2) Clear zone, 3) Clear zone surrounding



Basic features

Antenna type	round
Approval/Conformity	CE WEEE
Principle of operation	Antenna
Radio license	Europe (CE)

Electrical connection

Connection	RCA
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Electrical data

Antenna gain	-36.6 dBi
Antenna impedance	50 Ohm
Working frequency	13.56 MHz

Environmental conditions

Altitude max.	2000 m
Ambient temperature	-20...50 °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	IP65
Relative humidity	0...90 %, non-condensing
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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HF (13.56 MHz)
BIS M-371-000-A01
Order Code: BIS00WM



Material		Mechanical data	
Housing material	PA	Application weight	290.00 g
		Dimension	113.4 x 42.4 x 118 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

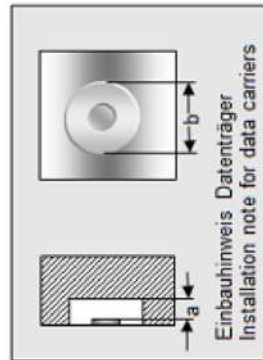
* nur in Verbindung mit BIS VM-920

* nur in Verbindung mit BIS VM-920

Order Code: BIS00WM

BALLUFF

BIS M-371-000-A01

[illegible]

Order Code: BIS00WM

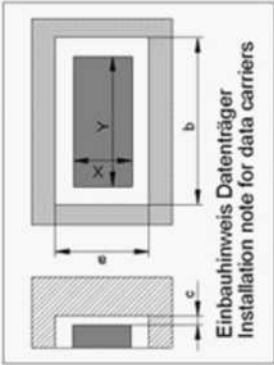
BIS M-371-000-A01

passende Datenträger Appropriate data carriers	BIS M-135-02/L	BIS M-135-03/L	BIS M-135-03/L- HT	BIS M-135-07/L- HT
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>40	>40	>40	>40
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>250	>250	>250	>250
Schreibabstand in mm Write distance in mm	25-140	10-205	10-205	10-135
Leseabstand in mm Read distance in mm	25-140	10-205	10-205	10-135
Versatz in mm bei Abstand von Offset in mm at distance	50 75 100 120 135 140 190 205	±75 ±75 ±75 ±75 ±75 ±75 ±75 ±25	±75 ±75 ±75 ±75 ±75 ±75 ±75 ±25	±75 ±75 ±75 ±75 ±25

Einbauhinweis Datenträger
Installation note for data carriers

BIS M-371-000-A01

passende Datenträger Appropriate data carriers	BIS M-136-03/L	BIS M-115-03/A			
Freizone Datenträger in mm (a) Data carrier clear zone in mm	>250	>230			
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>330	>270			
Abstand Datenträger zu Metall in mm (c) Data carrier distance to metal in mm	>40	>40			
Schreibabstand in mm Write distance in mm	15-210	0-85			
Leseabstand in mm Read distance in mm	15-210	0-85			
Versatz in mm bei Abstand von	X Y 25 ±75 ±75 50 ±75 ±75 70 ±75 ±75 85 ±75 ±75 100 ±75 ±75 140 ±75 ±75 175 ±75 ±75 200 ±75 ±75 210 ±25 ±25	X Y ±40 ±40 ±40 ±40 ±40 ±40 ±25 ±25			
Offset in mm at distance					



* nur in Verbindung mit BIS VM-920