

1) powierzchnia aktywna, 2) Nośnik danych, 3) Strefa wolna, 4) Strefa wolna dookoła, 5) Moment dociągania



Basic features

Dopuszczenie / Zgodność	CE UKCA cULus WEEE
EN 55011	Wlk.1,kl.A
Kształt anteny	okrągły
Zasada działania	Urządzenie do zapisu/odczytu

Display/Operation

Wskaźnik zadziałania	Pole COM, LED żółta Pole RF, LED czerwona Zasilanie (ON), zielona dioda LED
----------------------	--

Electrical connection

Przylącze	(RS485): M12x1-Męski, 5- stykowe
-----------	-------------------------------------

Electrical data

Maks. pobór prądu przy 24V DC	400 mA
Napięcie robocze U_b	10...30 VDC
Tętnienia resztkowe maks.	włącznie

Environmental conditions

Area of operation	Indoor
Ciągłe obciążenie udarowe	tak
EN 60068-2-27 szok	tak
EN 60068-2-32 Swobodny upadek	tak
EN 60068-2-6 wibracja	tak
Stopień ochrony	IP67
Stopień zanieczyszczenia	2
Temperatura otoczenia	-20...50 °C
Temperatura przechowywania	-20...70 °C
Wysokość maks.	2000 m
Względna wilgotność powietrza	0...90 %, bez skraplania

HF (13.56 MHz)
BIS M-411-067-001-04-S92
Kod artykułu: BIS00W5

BALLUFF

Functional Characteristics

Obsługiwane typy nośników danych DIN
 ISO
 14443
 DIN ISO 15693

Interface

Interfejs Podsieć 16 (RS485)

Material

Materiał obudowy PC, z zalewą PU

Mechanical data

Masa 200.00 g
Montaż bez metalu (wolna strefa)
Wymiary 75 x 24 x 105 mm

Remarks

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.

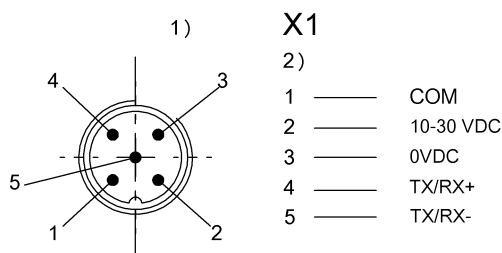
The device can be cleaned with a slightly damp cloth.

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

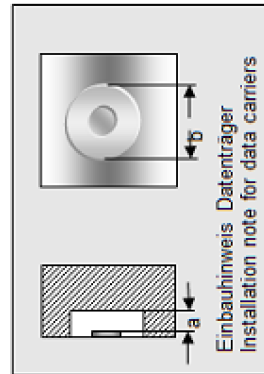


- 1) Widok w kierunku wtyku
2) Wtyczka 5 -styk./ funkcja

Help Views

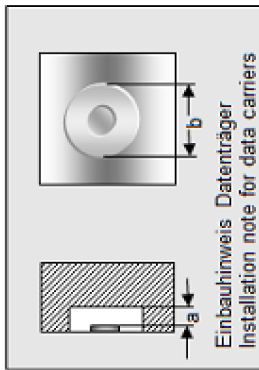
BIS M-411-___

	BIS M-130-03/L	BIS M-130-07/L	BIS M-132-03/L	BIS M-132-03/L- HT
passende Datenträger Appropriate data carriers				
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>10	>10	>25	>25
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>60	>60	>100	>100
Schreibabstand in mm Write distance in mm	0-20	0-13	0-80	0-70
Lesabstand in mm Read distance in mm	0-20	0-13	0-80	0-70
Versatz in mm bei Abstand von	0 ±22	±22	±50	±42
	5 ±22	±22	±50	±42
	9 ±19	±20	±50	±42
	12 ±19	±12	±50	±42
	13 ±19	±5	±50	±42
	15 ±19		±50	±42
	20 ±14		±50	±42
	22		±40	±39
	26		±40	±39
	30		±40	±39
	35		±40	±39
	40		±40	±39
	45		±35	±36
	50		±35	±36
	60		±35	±36
	65		±30	±28
	70		±30	±28
	75		±30	
	80		±30	
	90			
	100			



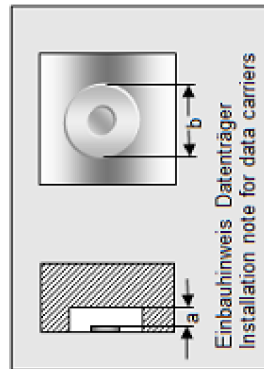
BIS M-411-__

	BIS M-132-10/L	BIS M-132-10/L- HT	BIS M-133-02/A	BIS M-134-10/L	BIS M-134-10/L- HT
passende Datenträger Appropriate data carriers					
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>25	>25	>25	>50	>50
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>100	>100	>100	>150	>150
Schreibabstand in mm Write distance in mm	0-26	0-22	38-52	0-56	0-60
Leseabstand in mm Read distance in mm	0-26	0-22	38-52	0-56	0-60
Versatz in mm bei Abstand von	0 ±20	±20		±35	±32
Offset in mm at distance	5 ±20	±20		±35	±32
	10 ±20	±20		±35	±32
	15 ±20	±20		±35	±32
	20 ±15	±15		±35	±32
	22 ±15	±10		±30	±30
	26 ±15			±30	±30
	30			±30	±30
	38			±30	±30
	40			±30	±30
	45			±30	±25
	50			±25	±25
	52			±25	±20
	56			±25	±20
	60				±20
	70				
	80				
	90				
	100				
	110				
	120				



BIS M-411-__

	BIS M-135-02/L	BIS M-135-03/L	BIS M-135-03/L- HT	BIS M-135-07/L	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	>50	>50	>50	>50	>50
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>150	>150	>150	>150	>150
Schreibabstand in mm Write distance in mm	0-100	0-110	0-125	11-95	11-75
Lesabstand in mm Read distance in mm	0-100	0-110	0-125	11-95	11-75
Versatz in mm bei Abstand von	0 ±50	±62	±65		
	5 ±50	±62	±65		
	11 ±50	±62	±65	±52	±50
	15 ±50	±62	±65	±52	±50
	20 ±50	±62	±65	±52	±50
	25 ±50	±62	±65	±52	±50
	30 ±50	±62	±65	±52	±50
	35 ±50	±58	±65	±48	±42
	40 ±50	±58	±65	±48	±42
	45 ±50	±58	±62	±48	±42
	50 ±50	±58	±62	±48	±42
	55 ±50	±58	±62	±48	±42
	60 ±50	±58	±62	±48	±35
	75 ±45	±52	±62	±44	±35
	85 ±45	±52	±58	±44	
	95 ±45	±52	±58	±40	
	100 ±45	±52	±58		
	110	±48	±58		
	120		±58		
	125		±50		
	130				



BIS M-411-___

	BIS M-110-02/L	BIS M-111-02/L			
passende Datenträger Appropriate data carriers					
Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm	>25	>25			
Freizone Datenträger in mm (b) Data carrier clear zone in mm	>100	>100			
Schreibabstand in mm Write distance in mm	0-45	0-67			
Lesabstand in mm Read distance in mm	0-45	0-67			
Versatz in mm bei Abstand von	0 ±30	±40	0		
	5 ±30	±40	5		
	10 ±30	±40	10		
	15 ±28	±40	15		
	20 ±28	±40	20		
	25 ±28	±38	25		
	30 ±28	±38	30		
	35 ±25	±38	35		
	40 ±25	±38	40		
	45 ±10	±35	45		
	50	±35	55		
	60	±35	60		
	67	±10	67		
			70		
			75		
			80		
			85		
			90		
			95		
			100		

