HF (13.56 MHz)

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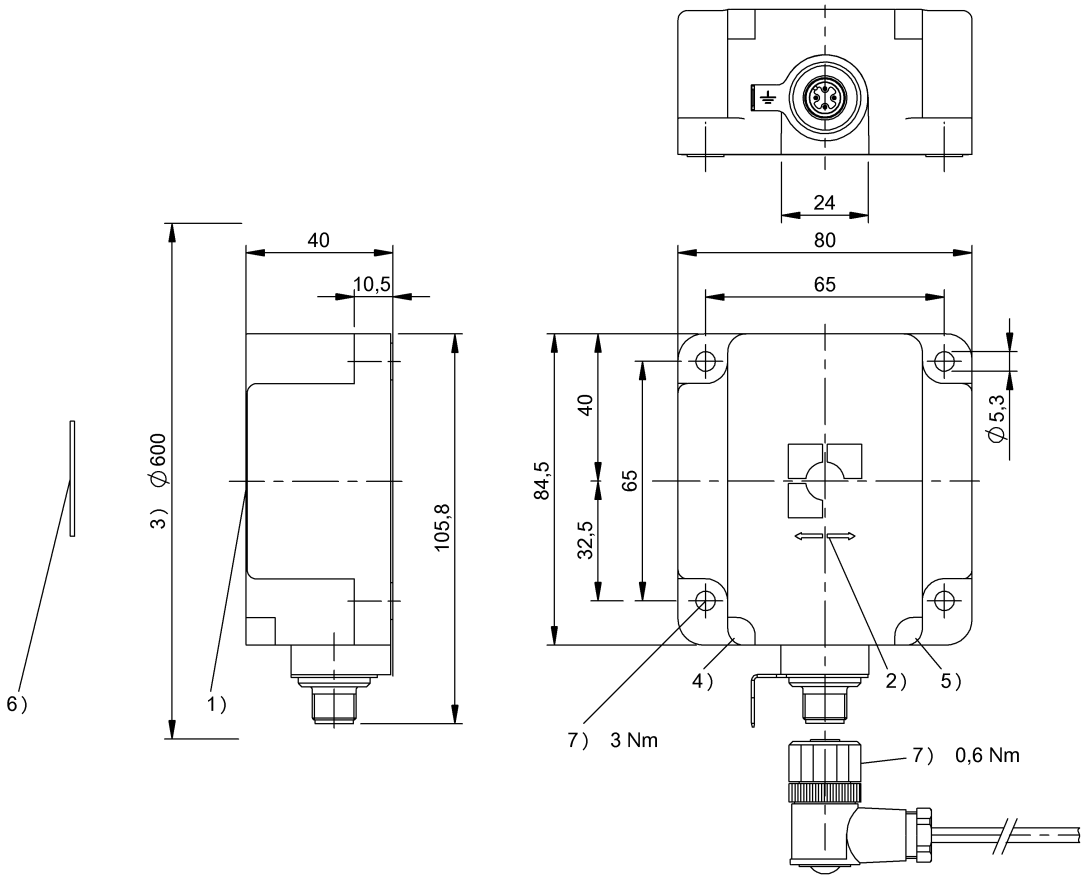

1) powierzchnia aktywna, 2) Oś zapisu/odczytu, 3) Strefa wolna, 4) LED (Power), 5) LED (CP), 6) Nośnik danych, 7) Moment dociągania

Basic features

Dopuszczenie / Zgodność	CE UKCA cULus WEEE
Kształt anteny	Pręt
Zasada działania	Głowica zapisu/odczytu

Display/Operation

Wskaźnik zadziałania	Działanie, żółta pulsująca dioda LED CP (nośnik danych obecny), żółta dioda LED Zasilanie, zielona dioda LED

Electrical connection

Przyłącze	Męski, 4-stykowe

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	0...70 °C
Temperatura przechowywania	-20...85 °C
Wysokość maks.	2000 m
Względna wilgotność powietrza	0…90 %, bez skraplania

Functional Characteristics

Obsługiwane typy nośników danych	DIN ISO 15693 DIN ISO 15693 (High Memory)

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Material

Materiał obudowy	PBT

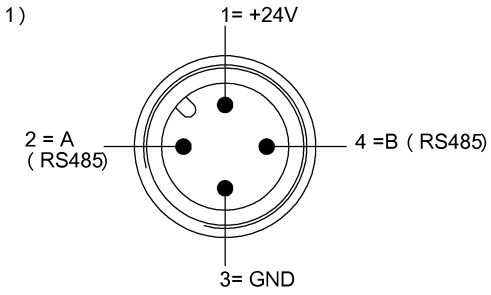
Mechanical data

Masa	360.00 g
Montaż	bez metalu (wolna strefa)
Wymiary	80 x 40 x 84.5 mm

Remarks

Tylko do nośnika danych wg normy ISO 15693.
Przy pierwszej instalacji zamówić: akcesoria patrz www.balluff.com
Jeśli nie podano inaczej, wartości dot. warunków znamionowych.
Przy montażu w metalu: pamiętać o strefie wolnej.
Tylko w połączeniu z BIS V-6xxx
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

Help Views

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BIS VM-351-401

passende Datenträger Appropriate data carriers	BIS M-150-02/A		BIS M-151-02/A		BIS M-150-02/A		BIS M-151-02/A			
Freizone Datenträger in mm (**a**)										
Data carrier clear zone in mm	>200	>200	>200	>200	>200	>200	>200	>200		
Freizone Datenträger in mm (**b**)										
Data carrier clear zone in mm	>200	>200	>200	>200	>200	>200	>200	>200		
Datenträger Metall-Montagefläche 40x22										
Data carrier metal mounting surface 40x22	0-52	0-52	0-52	0-52	0-52	0-52	0-52	0-52		
Datenträger Metall-Montagefläche ≥ 200x200										
Data carrier metal mounting surface ≥ 200x200					0-52	0-52	0-52	0-52		
Schreibabstand in mm										
Write distance in mm	0-52	0-52	0-52	0-52	0-52	0-52	0-52	0-52		
Leseabstand in mm										
Read distance in mm	0-52	0-52	0-52	0-52	0-52	0-52	0-52	0-52		
Versatz in mm	X	Y	Y	X	X	Y	Y	X		
bei Abstand von										
0	±60	±25	±60	±25	±60	±25	±60	±25		
5	±60	±25	±60	±25	±60	±25	±60	±25		
12	±60	±25	±60	±25	±60	±25	±60	±25		
15	±60	±25	±60	±25	±60	±25	±60	±25		
18	±60	±25	±60	±25	±60	±25	±60	±25		
20	±60	±25	±60	±25	±60	±25	±60	±25		
22	±60	±25	±60	±25	±60	±25	±60	±25		
25	±60	±25	±60	±25	±60	±25	±60	±25		
30	±60	±25	±60	±25	±60	±25	±60	±25		
32	±50	±25	±50	±25	±50	±25	±50	±25		
35	±50	±25	±50	±25	±50	±25	±50	±25		
40	±50	±20	±50	±20	±50	±20	±50	±20		
45	±25	±20	±25	±20	±25	±20	±25	±20		
50	±25	±20	±25	±20	±25	±20	±25	±20		
52	±25	±8	±25	±8	±25	±8	±25	±8		
60										
65										

Offset in mm
at distance

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passende Datenträger Appropriate data carriers	BIS M-152-03/A		BIS M-153-02/A		BIS M-153-02/A		BIS M-153-1x/A		BIS M-157-17/A	
Freizone Datenträger in mm (**a**)										
Data carrier clear zone in mm	>200	>200	>240	>240	>240	>240	>240	>240	>200	>200
Freizone Datenträger in mm (**b**)										
Data carrier clear zone in mm	>200	>200	>480	>480	>480	>480	>480	>480	>200	>200
Freizone Datenträger in mm (**c**)										
Data carrier clear zone in mm	>50	>50	>50	>50	>0	>0	>50	>50	>50	>50
Schreibabstand in mm										
Write distance in mm	0-36	0-36	0-100	0-100	0-110	0-110	0-60	0-60	0-25	0-25
Leseabstand in mm										
Read distance in mm	0-36	0-36	0-100	0-100	0-110	0-110	0-60	0-60	0-25	0-25
Versatz in mm	X	Y	X	Y	X	Y	X	Y	X	Y
bei Abstand von										
0	±45	±23	±110	±50	±120	±50	±70	±30	±35	±21
5	±45	±23	±110	±50	±120	±50	±70	±30	±35	±21
10	±45	±23	±110	±50	±120	±50	±70	±30	±35	±21
15	±45	±23	±110	±50	±120	±50	±70	±30	±33	±19
20	±40	±20	±110	±50	±120	±50	±70	±30	±23	±13
25	±40	±20	±100	±50	±100	±50	±60	±30	±7	±5
30	±36	±18	±100	±50	±100	±50	±60	±30		
36	±20	±10	±100	±50	±100	±50	±60	±30		
40			±100	±50	±100	±50	±60	±30		
45			±100	±50	±100	±50	±50	±25		
50			±100	±50	±100	±50	±50	±25		
60			±80	±35	±80	±35	±15	±10		
70			±80	±35	±80	±35				
80			±80	±35	±80	±35				
90			±80	±35	±80	±35				
100			±35	±15	±80	±35				
110					±25	±15				

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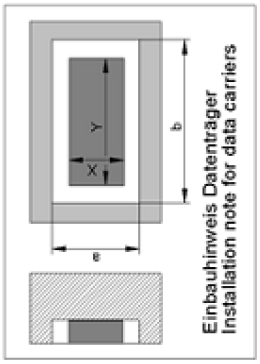
passende Datenträger Appropriate data carriers	BIS M-155-1x/A		BIS M-155-1x/A		BIS M-156-1x/A		BIS M-156-1x/A			
Freizone Datenträger in mm (**a**)										
Data carrier clear zone in mm	>200	>200	>200	>200	>200	>200	>200	>200		
Freizone Datenträger in mm (**b**)										
Data carrier clear zone in mm	>200	>200	>200	>200	>200	>200	>200	>200		
Datenträger Metall-Montagefläche 40x22					0-42	0-42				
Data carrier metal mounting surface 40x22	0-40	0-40			0-42	0-42				
Datenträger Metall-Montagefläche ≥ 200x200							0-42	0-42		
Data carrier metal mounting surface ≥ 200x200			0-50	0-50			0-42	0-42		
Schreibabstand in mm										
Write distance in mm	0-40	0-40	0-50	0-50	0-42	0-42	0-42	0-42		
Leseabstand in mm										
Read distance in mm	0-40	0-40	0-50	0-50	0-42	0-42	0-42	0-42		
Versatz in mm bei Abstand von	X	Y	X	Y	Y	X	Y	X		
0	±50	±24	±55	±28	±50	±25	±50	±25		
5	±50	±24	±55	±28	±50	±25	±50	±25		
12	±50	±24	±55	±28	±50	±25	±50	±25		
15	±50	±24	±55	±28	±45	±25	±45	±25		
18	±50	±24	±55	±28	±45	±22	±45	±22		
20	±50	±24	±55	±28	±45	±22	±45	±22		
22	±40	±22	±50	±25	±45	±22	±45	±22		
25	±40	±22	±50	±25	±45	±22	±45	±22		
30	±40	±22	±50	±25	±36	±19	±36	±19		
32	±40	±22	±40	±20	±36	±19	±36	±19		
35	±40	±22	±40	±20	±36	±19	±36	±19		
40	±20	±10	±40	±20	±18	±10	±18	±10		
42			±40	±20	±18	±10	±18	±10		
50			±20	±10						
52										
60										
65										



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passende Datenträger Appropriate data carriers	BIS M-155-20/A		BIS M-155-20/A		BIS M-156-20/A		BIS M-156-20/A			
Freizone Datenträger in mm (a)										
Data carrier clear zone in mm	>200	>200	>200	>200	>200	>200	>200	>200		
Freizone Datenträger in mm (b)										
Data carrier clear zone in mm	>200	>200	>200	>200	>200	>200	>200	>200		
Datenträger Metall-Montagefläche 40x22										
Data carrier metal mounting surface 40x22	0-75	0-75			0-70	0-70				
Datenträger Metall-Montagefläche ≥ 200x200			0-70	0-70			0-54	0-54		
Data carrier metal mounting surface ≥ 200x200										
Schreibabstand in mm										
Write distance in mm	0-75	0-75	0-70	0-70	0-70	0-70	0-54	0-54		
Leseabstand in mm										
Read distance in mm	0-75	0-75	0-70	0-70	0-70	0-70	0-54	0-54		
Versatz in mm	X	Y	X	Y	Y	X	Y	X		
bei Abstand von 0	±85	±35	±80	±34	±80	±34	±60	±30		
5	±85	±35	±80	±34	±80	±34	±60	±30		
Offset in mm 10	±85	±35	±80	±34	±80	±34	±60	±30		
at distance 15	±85	±35	±80	±34	±80	±34	±60	±30		
20	±85	±35	±80	±34	±80	±34	±60	±30		
25	±85	±35	±75	±30	±75	±30	±52	±25		
30	±85	±35	±75	±30	±75	±30	±52	±25		
35	±75	±30	±75	±30	±75	±30	±52	±25		
40	±75	±30	±75	±30	±75	±30	±52	±25		
45	±75	±30	±65	±27	±65	±27	±45	±20		
50	±75	±30	±65	±27	±65	±27	±45	±20		
54	±60	±25	±65	±27	±65	±27	±22	±12		
60	±60	±25	±65	±27	±65	±27				
65	±60	±25	±40	±20	±40	±20				
70	±60	±25	±40	±20	±40	±20				
75	±40	±15								
80										

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passende Datenträger Appropriate data carriers	BIS M-191-02/A		BIS M-191-02/A							
Freizone Datenträger in mm (**a**) Data carrier clear zone in mm	>27	>27	>27	>27						
Freizone Datenträger in mm (**b**) Data carrier clear zone in mm	>27	>27	>27	>27						
Datenträger auf Metall-Montagefläche Data carrier on metal mounting surface			0-27	0-27						
Montage Metallfrei Mounting non-metal	0-57	0-57								
Schreibabstand in mm Write distance in mm	0-57	0-57	0-27	0-27						
Leseabstand in mm Read distance in mm	0-57	0-57	0-27	0-27						
Versatz in mm bei Abstand von Offset in mm at distance	X	Y	X	Y						
0	±70	±35	±40	±20						
5	±70	±35	±40	±20						
10	±70	±35	±40	±20						
15	±70	±35	±30	±18						
20	±70	±35	±30	±18						
25	±60	±30	±25	±15						
27	±60	±30	±15	±5						
35	±60	±30								
40	±60	±30								
45	±50	±25								
50	±50	±25								
57	±30	±15								
60										
65										
70										
75										

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