

1) Sensing surface, 2) Button, 3) see connection diagram



Basic features

Antenna type	round
Approval/Conformity	CE WEEE
EN 55011	Size 1, Cl. A

Display/Operation

Acoustic annunciator	Buzzer, 24V DC
Function indicator	LED green, 24 V DC

Electrical connection

Cable diameter D	5.40 mm
Cable length L	5 m
Connection	Female, 4-pin
Connection type	5.00 m, PVC

Environmental conditions

Ambient temperature	0...70 °C
Cable temperature, fixed routing	5...70 °C
Protection degree	IP65
Storage temperature	-20...85 °C

Material

Housing material	PA
Material jacket	PVC

Mechanical data

Application weight	725.00 g
Dimension	270 x 85 x 200 mm

LF (70/455 kHz)
BIS C-720-00-05
Order Code: BAE004A

BALLUFF

Remarks

Only together with converter BIS C-901 or BIS C-6xx
Values are under rated conditions unless otherwise specified.
Cable length = 5 m not variable
24 V DC/100 mA

Wiring Diagrams

Leads to SPS

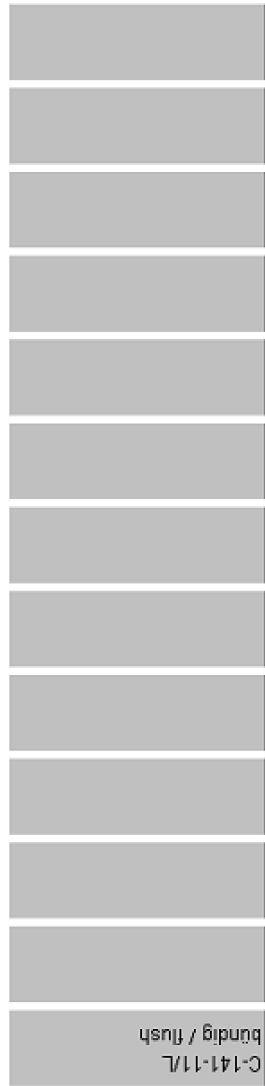
WH	= Buzzer (24V)
GN	= LED (24V)
BN	= 0V
YE	} Pushbutton
GY	

Help Views

BIS C-306-__

passende Datenträger Appropriate data carriers	C-100-05/A	C-103-05/A	C-105-05/A	C-121-04/L	C-121-04/L-SA1	C-122-04/L	C-130-05/L	C-134-__/L	C-130-05/L	C-130-05/L-SA6	C-191-__/L	C-141-11/L
statischer Betrieb	bündig / flush	bündig / flush	bündig / flush	bündig / flush	bündig / flush	bündig / flush	bündig / flush	bündig / flush	nicht bündig / non-flush	nicht bündig / non-flush	nicht bündig / non-flush	nicht bündig / non-flush
Static mode												
Schreibabstand in mm Write distance in mm	0.4	0.3,5	0.3,5	0.2	0.1,2	0.2,5	0.4	0.3	0.4	0.3	0.3,5	0.3,5
Leseabstand in mm Read distance in mm	0.4	0.3,5	0.3,5	0.2	0.1,2	0.2,5	0.4	0.3	0.4	0.3	0.3,5	0.3,5
Versatz in mm bei Abstand von	0.7	±3	±3	±2	±2	±2,5	±3,5	±4	±5	±3,5	±4	±3
1												
2												
3	±2	±2	±2				±3		±4	±2	±3	±1,5
4												
5												
6												
7												
10												
15												
20												
35												
42												
60												
Offset in mm at distance												

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passende Datenträger
 Appropriate data carriers
statischer Betrieb

Static mode

Schreibabstand in mm
 Write distance in mm

0-3

Leseabstand in mm
 Read distance in mm

0-3

Versatz in mm
 bei Abstand von

0,7

1 ±2,5

2 ±2,5

3 ±1,5

4

5

6

7

10

15

20

35

42

60

Offset in mm
 at distance