



1) Sensing surface, 2) Tightening torque



## Basic features

<b>Antenna type</b>	round
<b>Approval/Conformity</b>	CE UKCA cULus WEEE
<b>EN 55011</b>	Size 1, Cl. A
<b>Principle of operation</b>	Read/write head

## Environmental conditions

<b>Ambient temperature</b>	0...70 °C
<b>Continuous shock load</b>	yes
<b>EN 60068-2-27, Shock</b>	yes
<b>EN 60068-2-32 Free fall</b>	yes
<b>EN 60068-2-6, Vibration</b>	yes
<b>IP rating</b>	IP67
<b>Storage temperature</b>	-20...85 °C

## Remarks

For basic equipment order cable also e.g.: BIS C-505-PU1-10 BIS C-505-PU-10 BIS C-506-PU1-10 BIS C-506-PU-10 BIS C-517-PVC-10 BIS C-518-PVC-10

ATTENTION: 10m cable length reduces the read/write distance by 10 %

Use included nuts for installation.

Time specification includes data check.

Values are under rated conditions unless otherwise specified.

Specified relative speed refers to reading/writing the first 4 bytes from the first page.

Only together with converter BIS C-901 or BIS C-6xx

## Material

<b>Housing material</b>	Brass, Nickel-plated brass nuts, nickel-plated
<b>Housing material, surface protection</b>	nickel-plated

## Mechanical data

<b>Application weight</b>	25.00 g
<b>Dimension</b>	Ø 16 x 50 mm
<b>Installation</b>	metal-free (clear zone) on metal flush in metal
<b>Size</b>	M16x1

LF (70/455 kHz)  
BIS C-306/10-S4  
Order Code: BIS00N3

**BALLUFF**

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
<b>Static mode</b>												
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
3		±2	±2						±4	±2	±3	±1,5
4												
5												
6												
7												
10												
15												
20												
35												
42												
60												
Offset in mm at distance												

**BIS C-306-\_\_\_**

passende Datenträger Appropriate data carriers	C-141-11L
statischer Betrieb	bündig / flush
<b>Static mode</b>	
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
Offset in mm at distance	10 15 20 35 42 60