

1) Sensing surface, 2) Tightening torque



## Basic features

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

## Electrical connection

<b>Bending radius min., fixed cable</b>	5 x D
<b>Bending radius min., flexible cable</b>	10 x D
<b>Cable diameter D</b>	5.40 mm
<b>Cable length L</b>	10 m, Drag chain compatible
<b>Cable, bending cycles min.</b>	2 million
<b>Connection</b>	M12x1-Female
<b>Connection type</b>	10.00 m, PU

## Environmental conditions

<b>Ambient temperature</b>	0...70 °C
<b>Cable temperature, drag chain</b>	-25...60 °C
<b>Cable temperature, fixed routing</b>	-50...80 °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>Protection degree</b>	IP67
<b>Storage temperature</b>	-20...85 °C

## Material

<b>Housing material</b>	Brass, nickel plated
<b>Housing material, surface protection</b>	nickel plated
<b>Material jacket</b>	PU

## Mechanical data

<b>Application weight</b>	200.00 g
<b>Dimension</b>	Ø 16 x 35 mm
<b>Installation</b>	metal-free (clear zone) on metal flush in metal
<b>Size</b>	M16x1

## Remarks

Values are under rated conditions unless otherwise specified.  
 ATTENTION: 10m cable length reduces the read/write distance by 10 %  
 Only together with converter BIS C-901 or BIS C-6xx

LF (70/455 kHz)  
**BIS C-306-PU1-10**  
Order Code: BIS00PE

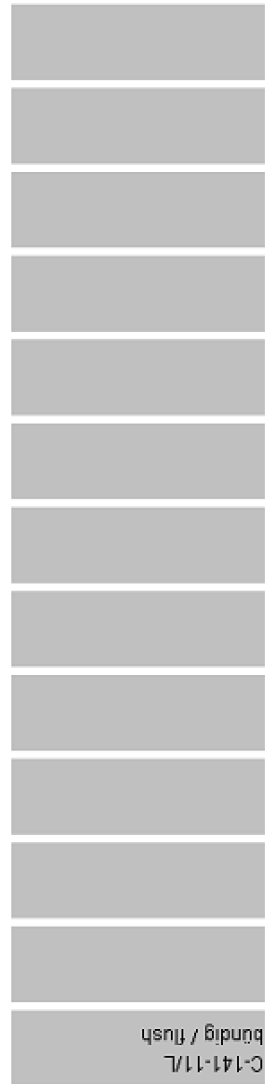
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Help Views

## BIS C-306-\_\_

	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-SA1	C-130-05/L-SA6	C-191-__/L	C-141-11/L
passende Datenträger Appropriate data carriers	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	nicht bündig / non-flush
<b>statischer Betrieb</b> <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	0.4	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	0.4	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	±5	±3,5	±4	±3
1													±3
2													±3
3	±2	±2	±2				±3		±4	±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  
**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