



1) Sensing surface, 2) Tightening torque



PROCESS CONTROL  
 EQUIPMENT E227256

## Basic features

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

## Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable diameter D	5.40 mm
Cable length L	1 m, Drag chain compatible
Cable, bending cycles min.	2 million
Connection	M12x1-Female
Connection type	1.00 m, PU

## Environmental conditions

Ambient temperature	0...70 °C
Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-32 Free fall	yes
EN 60068-2-6, Vibration	yes
Protection degree	IP67
Storage temperature	-20...85 °C

## Material

Housing material	Brass, nickel plated
Housing material, surface protection	nickel plated
Material jacket	PU

## Mechanical data

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

## Remarks

Values are under rated conditions unless otherwise specified.  
 Only together with converter BIS C-901 or BIS C-6xx

LF (70/455 kHz)  
**BIS C-306-PU1-01**  
Order Code: BIS00PC

**BALLUFF**

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						±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