



1) Sensing surface, 2) Tightening torque



## Basic features

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

## Environmental conditions

Ambient temperature	0...70 °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 brass nuts, nickel plated
Housing material, surface protection	nickel plated

## Mechanical data

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

## 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

## 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 Static mode	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
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 at distance	0.7	±3	±3	±2	±2	±2,5	±3,5	±4	±5	±3,5	±4	±3
	1	±3	±3	±2	±2	±2,5	±3,5	±4	±5	±3,5	±4	±3
	2	±2	±2				±3			±2	±3	±1,5
	3											
	4											
	5											
	6											
	7											
	10											
	15											
	20											
	35											
	42											
	60											

**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